

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019021.D
 Acq On : 13 Aug 2024 11:42
 Operator : SY/MD
 Sample : VY0813SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0813SBS01

Quant Time: Aug 14 01:34:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.701	168	53245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	80194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	69862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	36535	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	23292	49.824	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.640%
35) Dibromofluoromethane	7.628	113	25892	50.552	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.100%
50) Toluene-d8	10.103	98	99168	50.407	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.408	95	27360	46.876	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	7741	21.151	ug/l	95
3) Chloromethane	2.068	50	17904	18.665	ug/l	98
4) Vinyl Chloride	2.202	62	24927	20.324	ug/l	98
5) Bromomethane	2.586	94	21891	22.371	ug/l	97
6) Chloroethane	2.726	64	17351	21.038	ug/l	95
7) Trichlorofluoromethane	3.043	101	34842	21.315	ug/l	97
8) Diethyl Ether	3.446	74	5389	21.387	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	11217	21.965	ug/l	91
10) Methyl Iodide	3.988	142	10842	19.661	ug/l	99
11) Tert butyl alcohol	4.854	59	3996	59.085	ug/l #	94
12) 1,1-Dichloroethene	3.775	96	9899	20.518	ug/l	95
13) Acrolein	3.647	56	4806	95.305	ug/l	98
14) Allyl chloride	4.372	41	12651	19.606	ug/l #	83
15) Acrylonitrile	5.043	53	10402	105.302	ug/l	100
16) Acetone	3.860	43	9725	90.217	ug/l #	82
17) Carbon Disulfide	4.098	76	27018	18.839	ug/l	98
18) Methyl Acetate	4.372	43	5252	20.213	ug/l	95
19) Methyl tert-butyl Ether	5.110	73	22496	18.958	ug/l #	91
20) Methylene Chloride	4.610	84	11025	16.243	ug/l #	93
21) trans-1,2-Dichloroethene	5.104	96	10990	20.588	ug/l	87
22) Diisopropyl ether	6.012	45	28221	20.063	ug/l #	80
23) Vinyl Acetate	5.945	43	118618	97.712	ug/l	99
24) 1,1-Dichloroethane	5.909	63	17740	20.558	ug/l	98
25) 2-Butanone	6.878	43	14472	95.611	ug/l #	85
26) 2,2-Dichloropropane	6.866	77	14353	17.672	ug/l	97
27) cis-1,2-Dichloroethene	6.878	96	12200	19.102	ug/l	94
28) Bromochloromethane	7.238	49	8575	21.584	ug/l	95
29) Tetrahydrofuran	7.250	42	8838	99.023	ug/l	90
30) Chloroform	7.408	83	19479	21.102	ug/l	96
31) Cyclohexane	7.689	56	15622	19.028	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	17475	20.943	ug/l	95
36) 1,1-Dichloropropene	7.829	75	13330	19.388	ug/l	98
37) Ethyl Acetate	6.976	43	5558	17.686	ug/l #	95
38) Carbon Tetrachloride	7.811	117	16980	21.540	ug/l	97
39) Methylcyclohexane	9.103	83	17949	19.395	ug/l	98
40) Benzene	8.067	78	43306	21.185	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019021.D
 Acq On : 13 Aug 2024 11:42
 Operator : SY/MD
 Sample : VY0813SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0813SBS01

Quant Time: Aug 14 01:34:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	2870	19.209	ug/l #	69
42) 1,2-Dichloroethane	8.152	62	11398	22.397	ug/l	99
43) Isopropyl Acetate	8.189	43	13382	20.939	ug/l #	76
44) Trichloroethene	8.859	130	12487	21.430	ug/l	94
45) 1,2-Dichloropropane	9.134	63	9364	20.472	ug/l	97
46) Dibromomethane	9.225	93	6593	22.307	ug/l	98
47) Bromodichloromethane	9.414	83	14656	21.190	ug/l	98
48) Methyl methacrylate	9.219	41	5216	18.682	ug/l #	73
49) 1,4-Dioxane	9.219	88	1517	434.447	ug/l #	81
51) 4-Methyl-2-Pentanone	9.999	43	35336	107.207	ug/l #	84
52) Toluene	10.170	92	27183	20.018	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	11357	18.413	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	15009	20.486	ug/l #	81
55) 1,1,2-Trichloroethane	10.572	97	7486	20.625	ug/l #	89
56) Ethyl methacrylate	10.438	69	9631	19.598	ug/l #	72
57) 1,3-Dichloropropane	10.719	76	12040	20.147	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.707	63	23914	94.390	ug/l	98
59) 2-Hexanone	10.761	43	23178	98.030	ug/l	87
60) Dibromochloromethane	10.908	129	10413	21.399	ug/l	95
61) 1,2-Dibromoethane	11.011	107	7413	21.152	ug/l	98
64) Tetrachloroethene	10.646	164	12018	20.521	ug/l	95
65) Chlorobenzene	11.444	112	31707	20.671	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.517	131	10621	19.796	ug/l	94
67) Ethyl Benzene	11.517	91	50810	19.132	ug/l	89
68) m/p-Xylenes	11.627	106	43524	39.967	ug/l	89
69) o-Xylene	11.956	106	19561	19.462	ug/l	93
70) Styrene	11.969	104	35007	21.147	ug/l	94
71) Bromoform	12.133	173	5666	20.308	ug/l #	99
73) Isopropylbenzene	12.255	105	49326	18.600	ug/l	96
74) N-amyl acetate	12.072	43	11653	19.042	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.505	83	8421	19.676	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	10759	39.529	ug/l #	100
77) Bromobenzene	12.536	156	12747	20.633	ug/l	87
78) n-propylbenzene	12.597	91	58754	18.718	ug/l	97
79) 2-Chlorotoluene	12.682	91	31401	19.324	ug/l	91
80) 1,3,5-Trimethylbenzene	12.737	105	39591	19.050	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	2163	16.375	ug/l #	80
82) 4-Chlorotoluene	12.779	91	32004	19.237	ug/l	89
83) tert-Butylbenzene	12.999	119	37055	18.877	ug/l	94
84) 1,2,4-Trimethylbenzene	13.048	105	39513	18.742	ug/l	98
85) sec-Butylbenzene	13.176	105	56996	20.045	ug/l	99
86) p-Isopropyltoluene	13.291	119	45886	18.637	ug/l	98
87) 1,3-Dichlorobenzene	13.291	146	25516	20.219	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	25100	20.394	ug/l	97
89) n-Butylbenzene	13.621	91	41190	19.059	ug/l	96
90) Hexachloroethane	13.883	117	9211	19.827	ug/l	93
91) 1,2-Dichlorobenzene	13.663	146	21050	20.287	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	1018	17.292	ug/l	88
93) 1,2,4-Trichlorobenzene	14.925	180	12804	22.411	ug/l	94
94) Hexachlorobutadiene	15.023	225	6607	21.086	ug/l	98
95) Naphthalene	15.151	128	20192	19.853	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	10894	22.215	ug/l	94

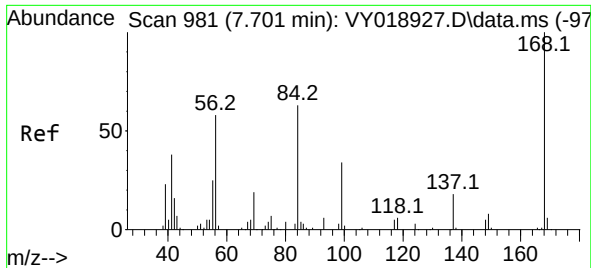
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
Data File : VY019021.D
Acq On : 13 Aug 2024 11:42
Operator : SY/MD
Sample : VY0813SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

Quant Time: Aug 14 01:34:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 09 04:24:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

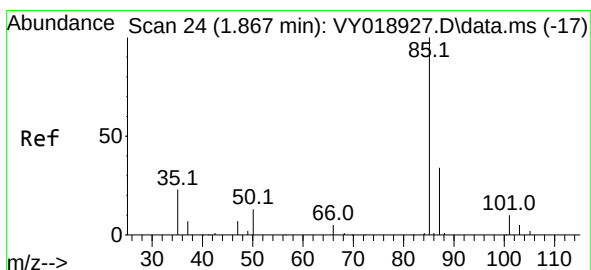
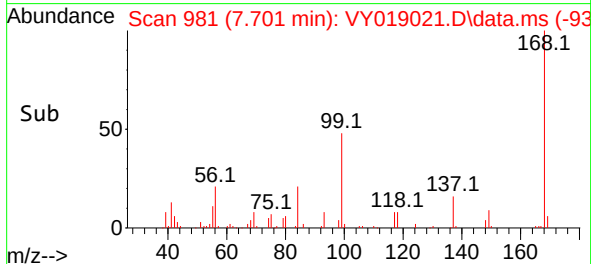
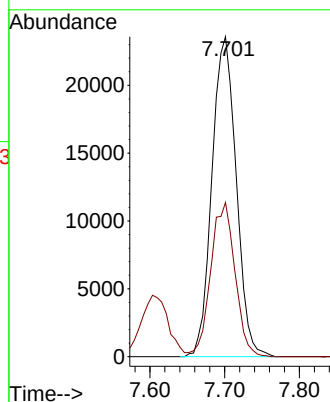
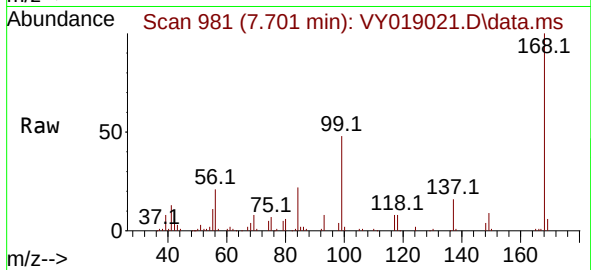
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

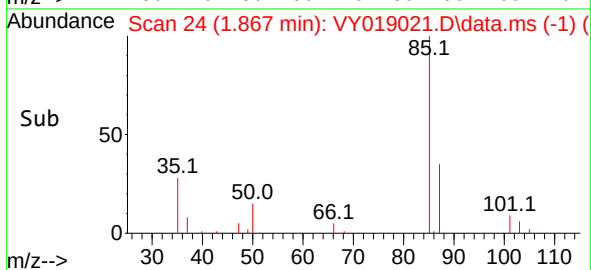
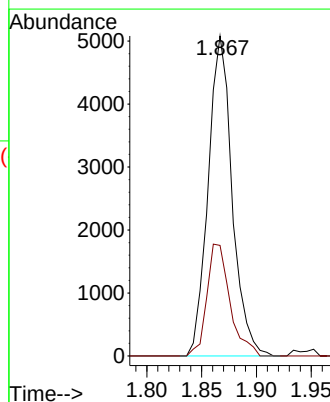
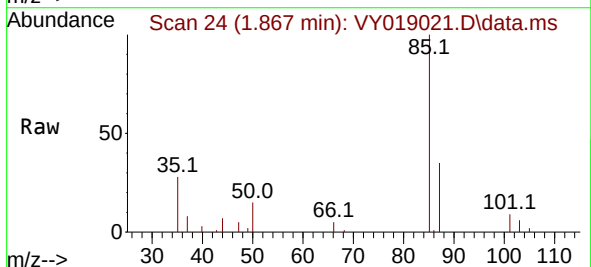
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBS01

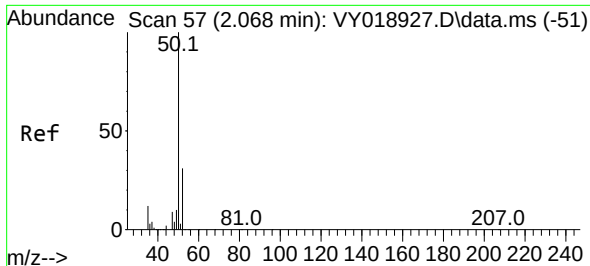
Tgt Ion:168 Resp: 53245
Ion Ratio Lower Upper
168 100
99 48.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 21.151 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

Tgt Ion: 85 Resp: 7741
Ion Ratio Lower Upper
85 100
87 34.6 16.0 48.0

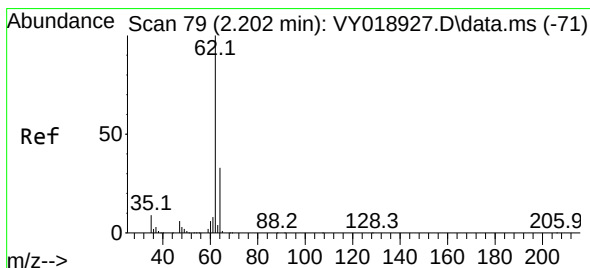
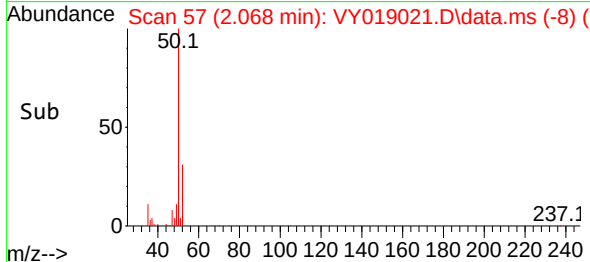
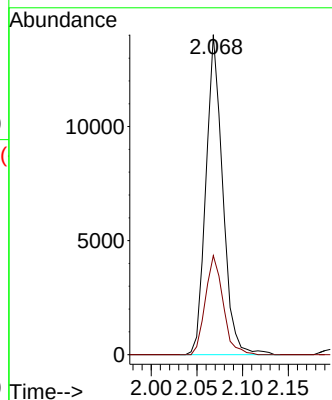
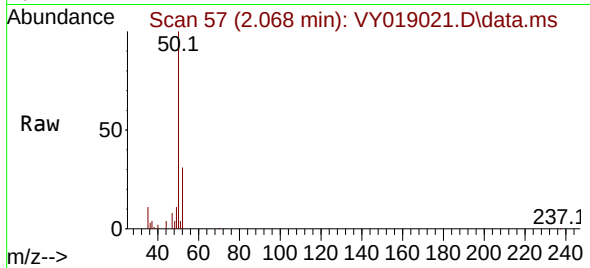




#3
Chloromethane
Concen: 18.665 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

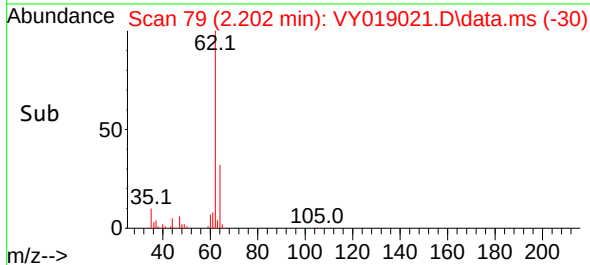
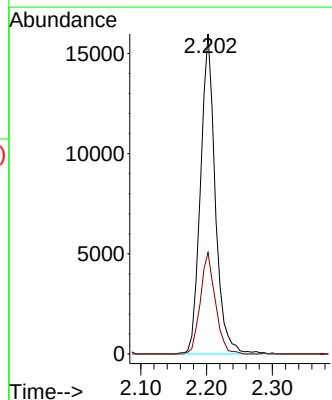
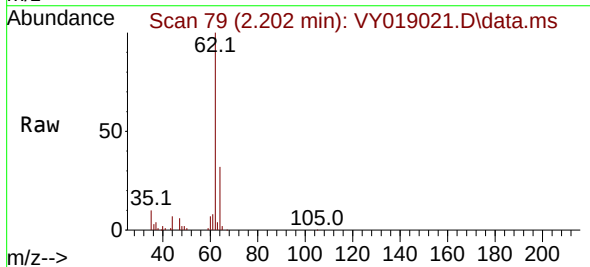
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

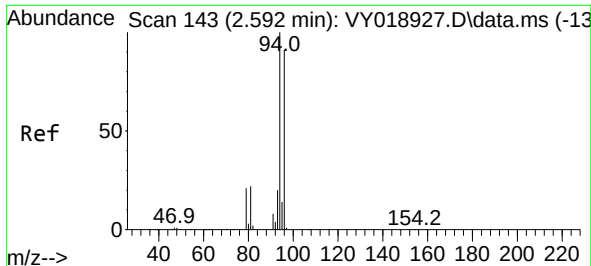
Tgt Ion: 50 Resp: 17904
Ion Ratio Lower Upper
50 100
52 31.0 25.6 38.4



#4
Vinyl Chloride
Concen: 20.324 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

Tgt Ion: 62 Resp: 24927
Ion Ratio Lower Upper
62 100
64 31.7 26.1 39.1

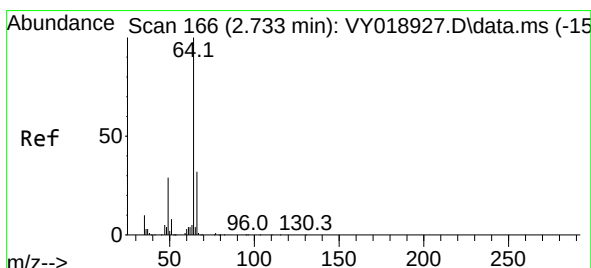
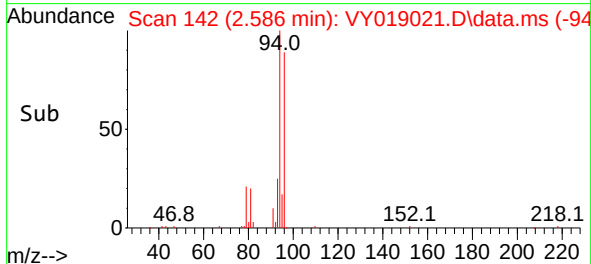
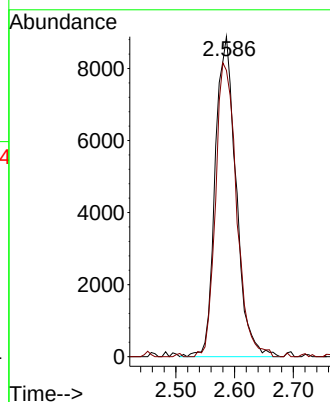
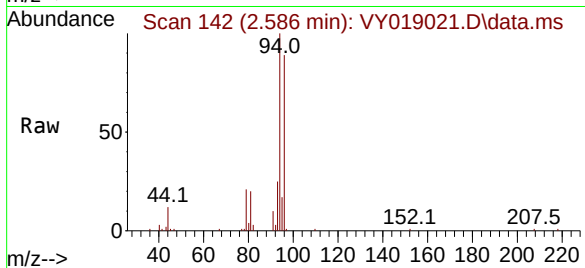




#5
Bromomethane
Concen: 22.371 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

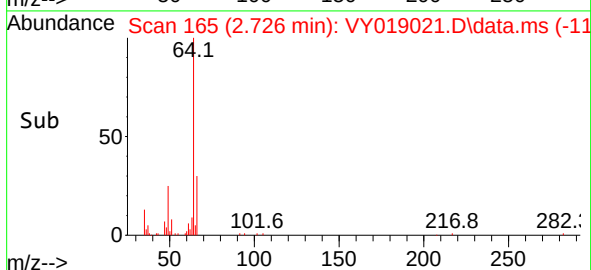
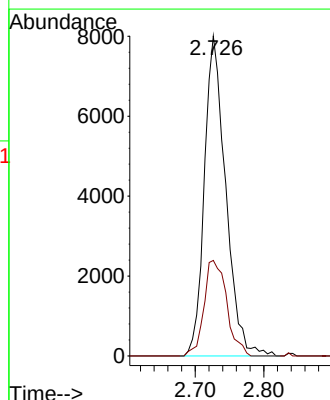
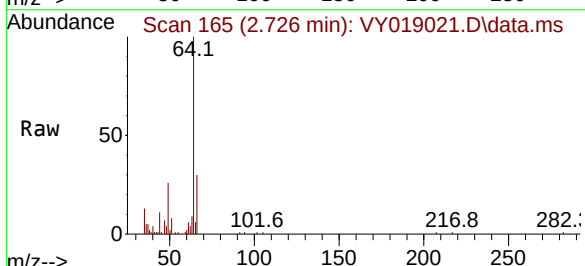
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBS01

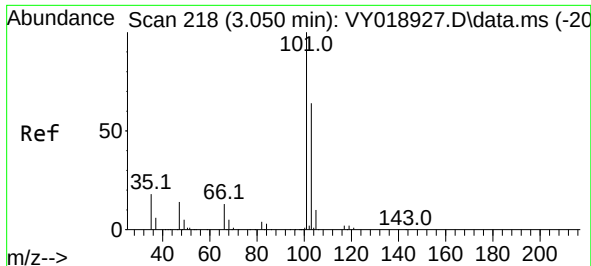
Tgt Ion: 94 Resp: 21891
Ion Ratio Lower Upper
94 100
96 89.4 74.1 111.1



#6
Chloroethane
Concen: 21.038 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

Tgt Ion: 64 Resp: 17351
Ion Ratio Lower Upper
64 100
66 29.9 26.1 39.1

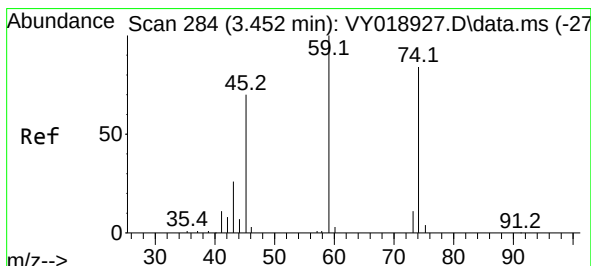
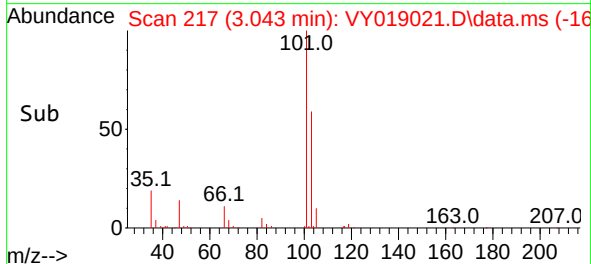
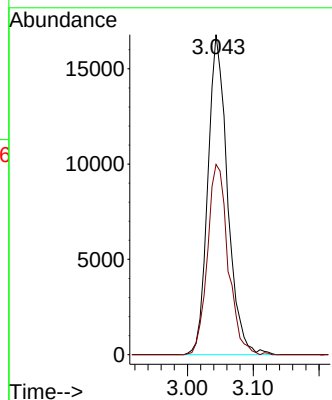
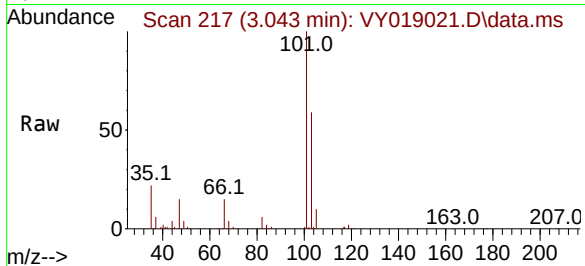




#7
 Trichlorofluoromethane
 Concen: 21.315 ug/l
 RT: 3.043 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY019021.D
 Acq: 13 Aug 2024 11:42

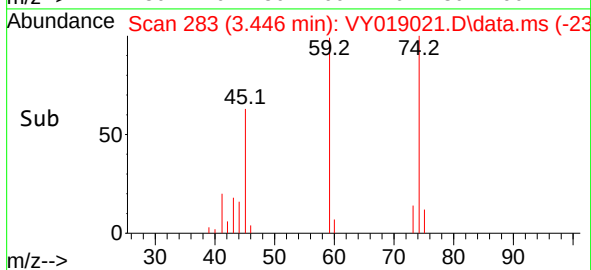
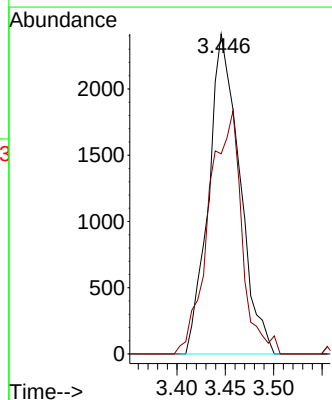
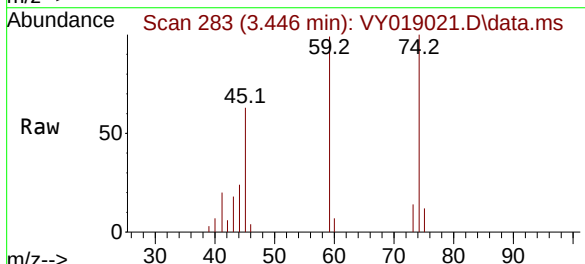
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0813SBS01

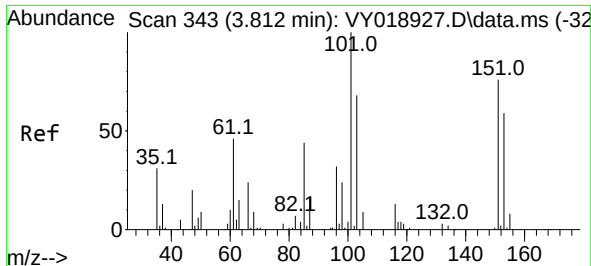
Tgt Ion:101 Resp: 34842
 Ion Ratio Lower Upper
 101 100
 103 59.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 21.387 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. -0.006 min
 Lab File: VY019021.D
 Acq: 13 Aug 2024 11:42

Tgt Ion: 74 Resp: 5389
 Ion Ratio Lower Upper
 74 100
 45 80.9 41.3 124.1

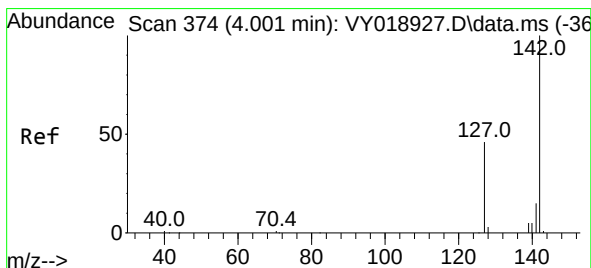
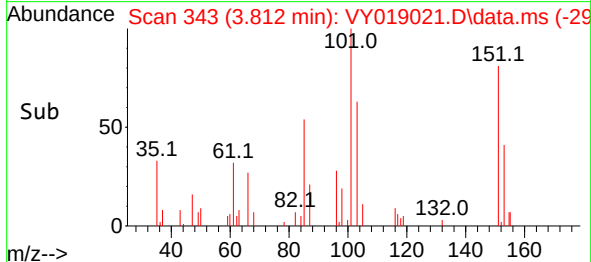
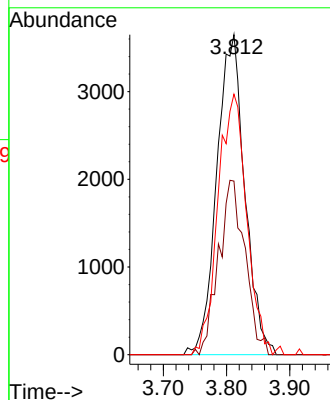
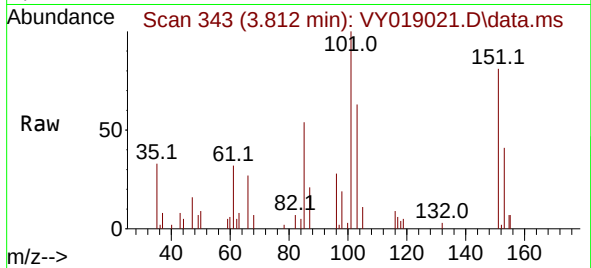




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.965 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

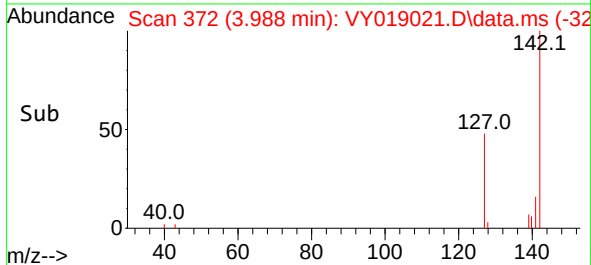
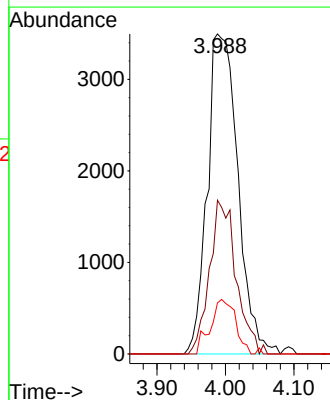
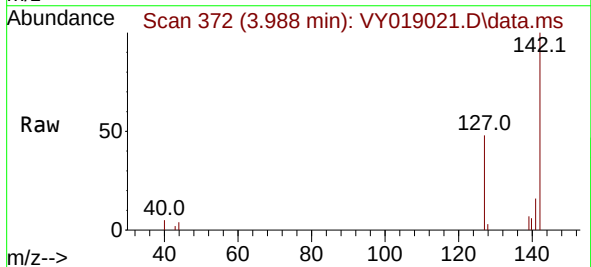
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBS01

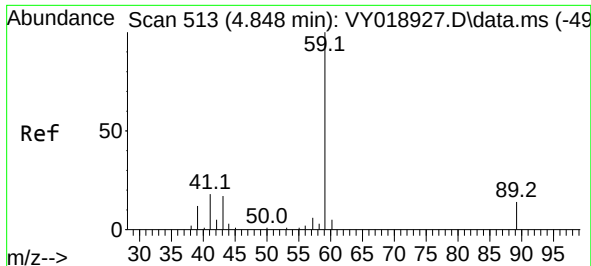
Tgt Ion:101 Resp: 11217
Ion Ratio Lower Upper
101 100
85 51.5 34.5 51.7
151 83.3 61.7 92.5



#10
Methyl Iodide
Concen: 19.661 ug/l
RT: 3.988 min Scan# 372
Delta R.T. -0.012 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

Tgt Ion:142 Resp: 10842
Ion Ratio Lower Upper
142 100
127 41.9 32.8 49.2
141 14.0 11.4 17.2

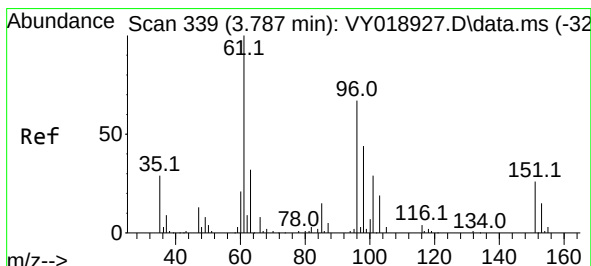
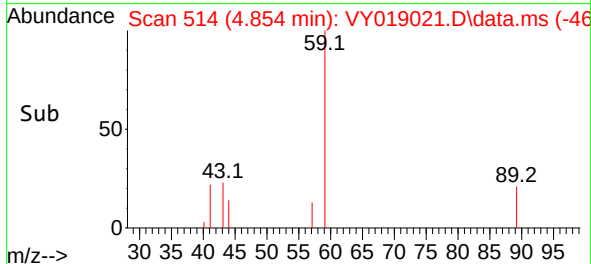
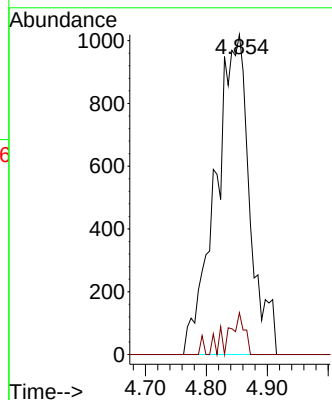
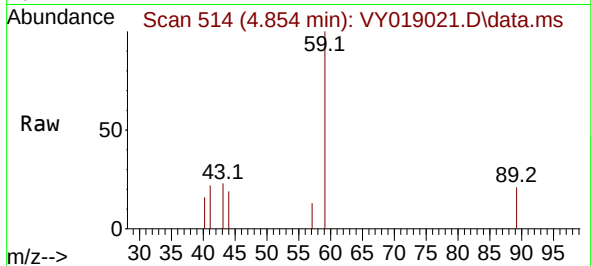




#11
Tert butyl alcohol
Concen: 59.085 ug/l
RT: 4.854 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

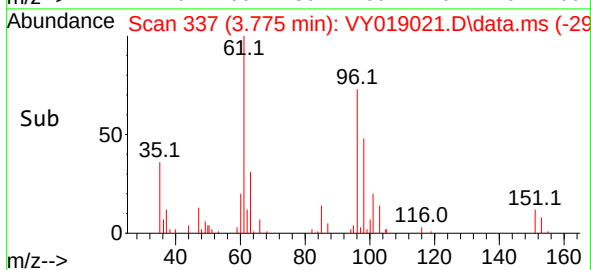
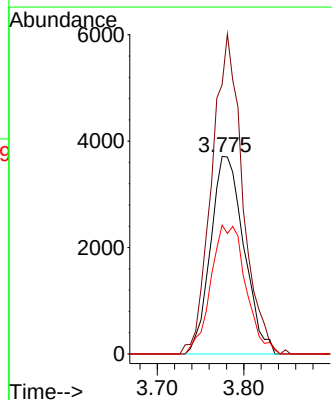
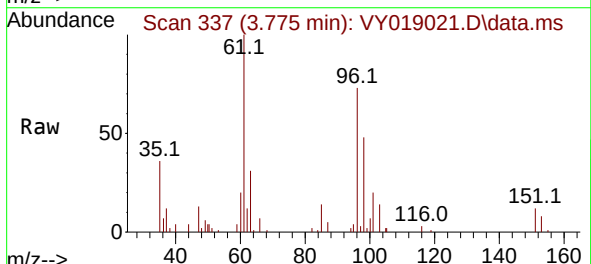
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBS01

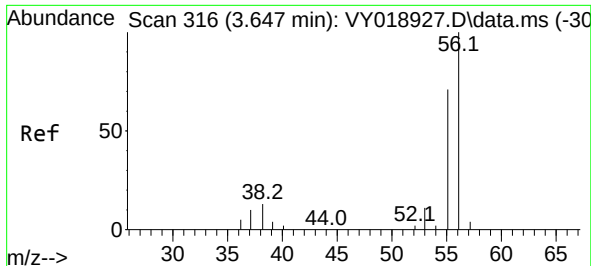
Tgt Ion: 59 Resp: 3996
Ion Ratio Lower Upper
59 100
57 5.7 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 20.518 ug/l
RT: 3.775 min Scan# 337
Delta R.T. -0.012 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

Tgt Ion: 96 Resp: 9899
Ion Ratio Lower Upper
96 100
61 136.3 114.6 171.8
98 65.2 50.8 76.2





#13

Acrolein

Concen: 95.305 ug/l

RT: 3.647 min Scan# 316

Delta R.T. -0.000 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

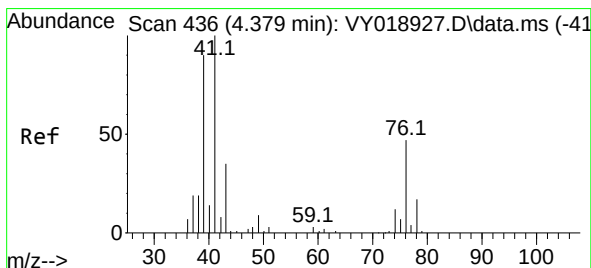
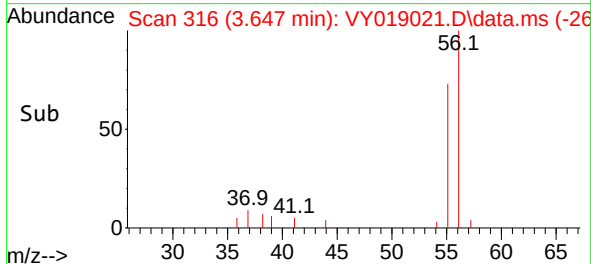
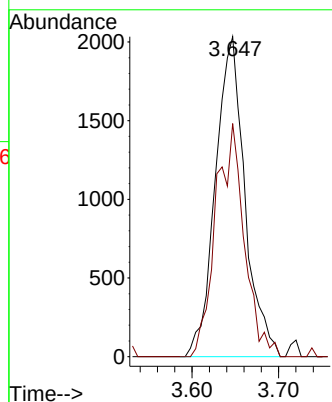
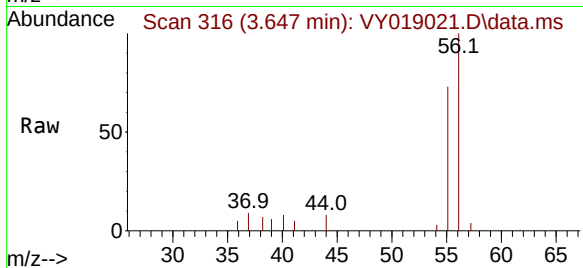
VY0813SBSD01

Tgt Ion: 56 Resp: 4806

Ion Ratio Lower Upper

56 100

55 70.8 55.7 83.5



#14

Allyl chloride

Concen: 19.606 ug/l

RT: 4.372 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

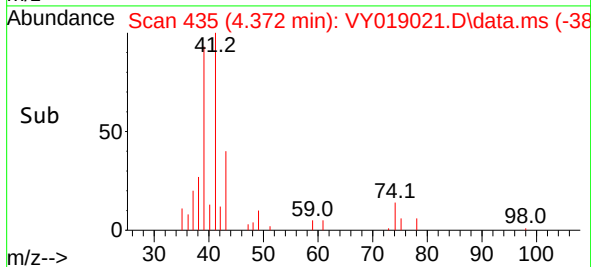
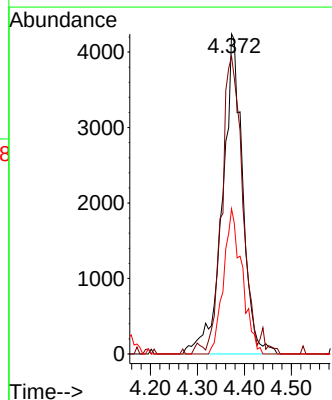
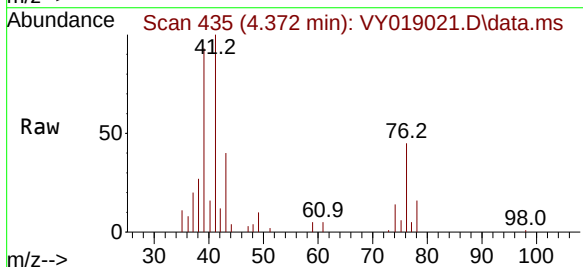
Tgt Ion: 41 Resp: 12651

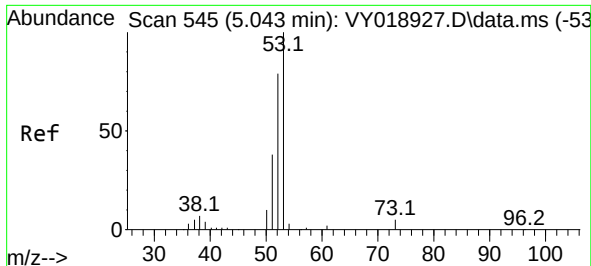
Ion Ratio Lower Upper

41 100

39 91.4 58.3 87.5

76 41.6 39.0 58.6

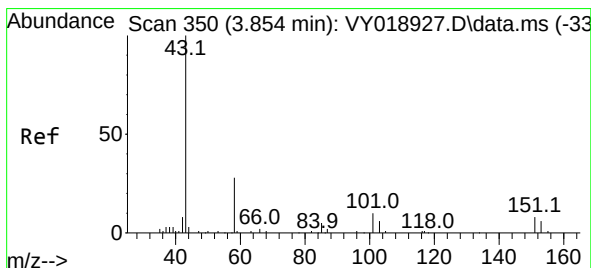
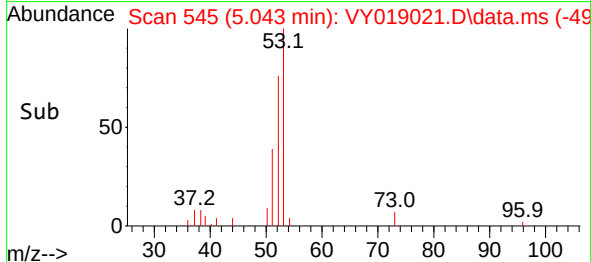
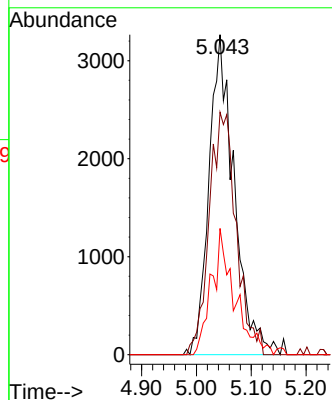
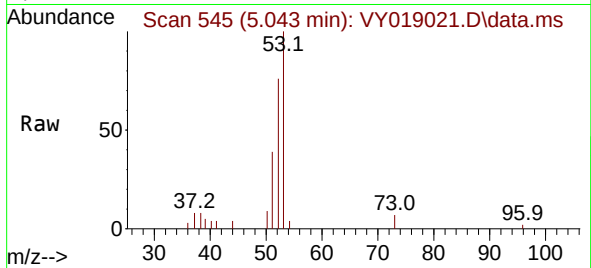




#15
Acrylonitrile
Concen: 105.302 ug/l
RT: 5.043 min Scan# 545
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

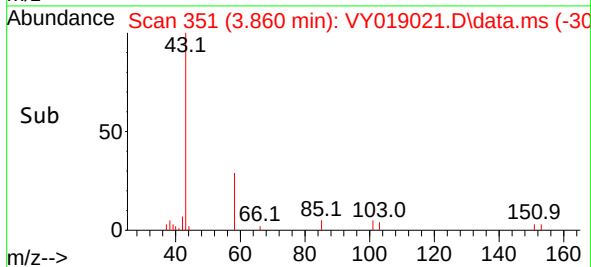
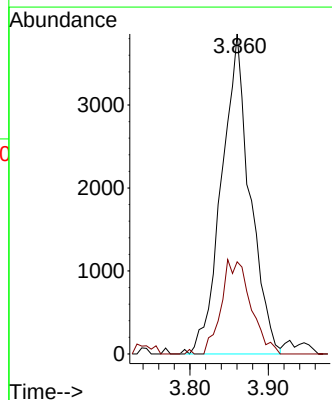
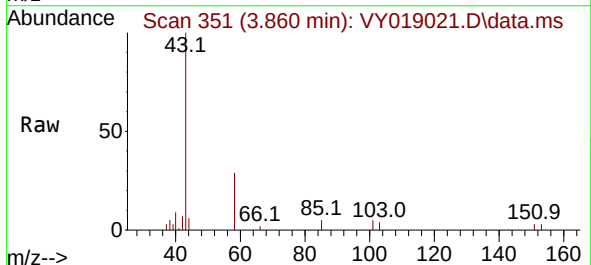
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBS01

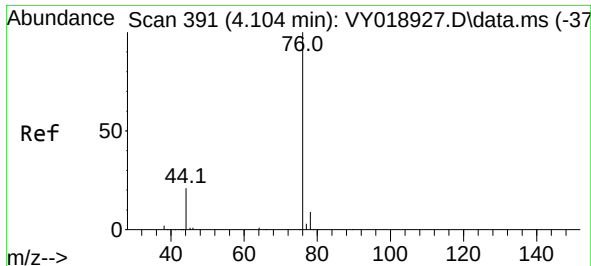
Tgt Ion:	53	Resp:	10402
Ion	Ratio	Lower	Upper
53	100		
52	81.0	64.7	97.1
51	36.2	28.4	42.6



#16
Acetone
Concen: 90.217 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

Tgt Ion:	43	Resp:	9725
Ion	Ratio	Lower	Upper
43	100		
58	28.8	31.7	47.5#

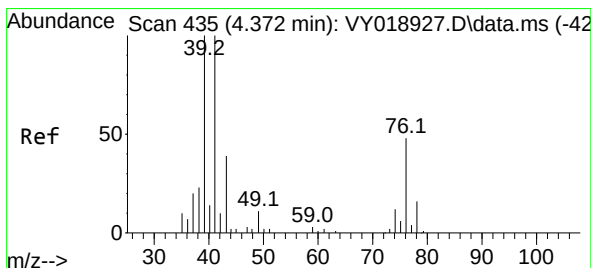
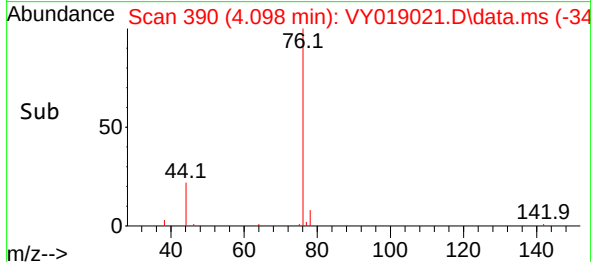
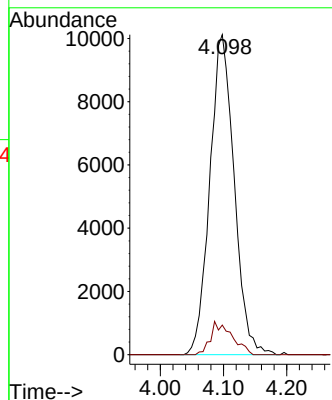
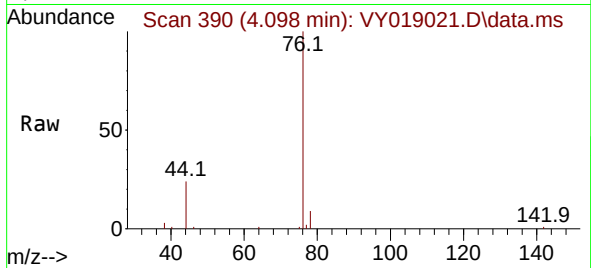




#17
Carbon Disulfide
Concen: 18.839 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

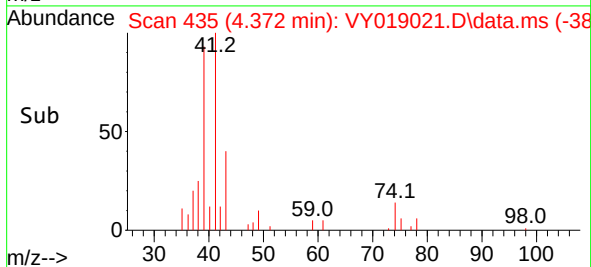
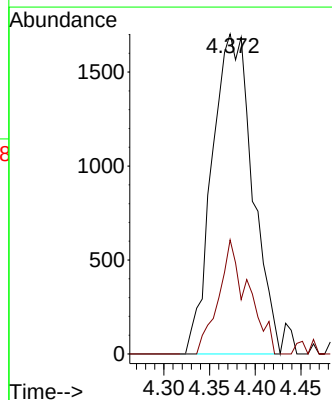
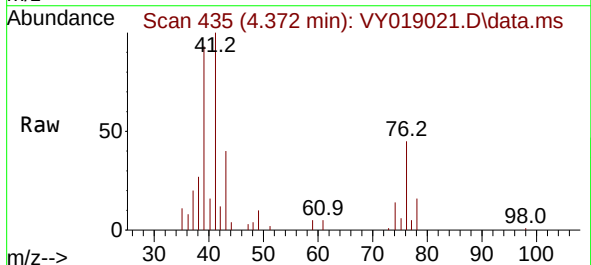
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

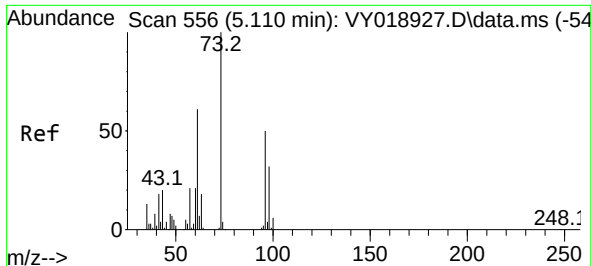
Tgt Ion: 76 Resp: 27018
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 20.213 ug/l
RT: 4.372 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

Tgt Ion: 43 Resp: 5252
Ion Ratio Lower Upper
43 100
74 26.2 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 18.958 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

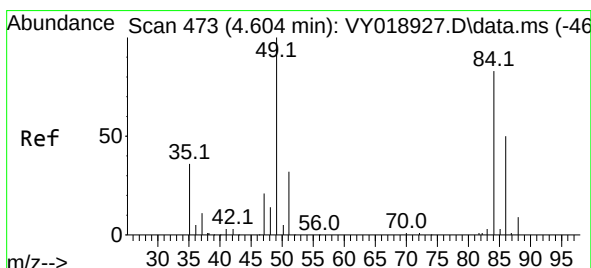
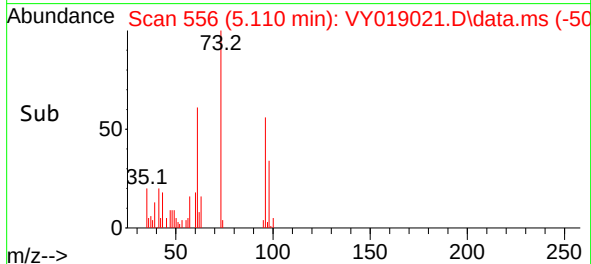
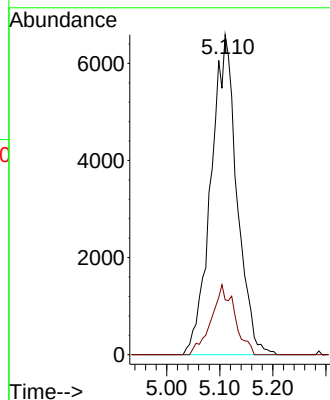
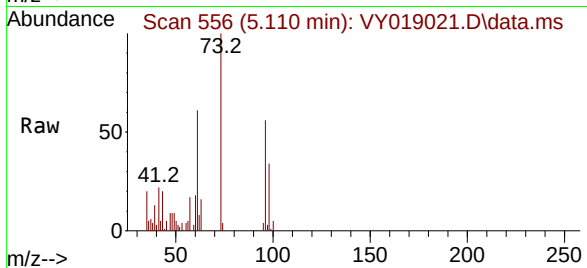
VY0813SBS01

Tgt Ion: 73 Resp: 22496

Ion Ratio Lower Upper

73 100

57 17.2 17.3 25.9#



#20

Methylene Chloride

Concen: 16.243 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

Tgt Ion: 84 Resp: 11025

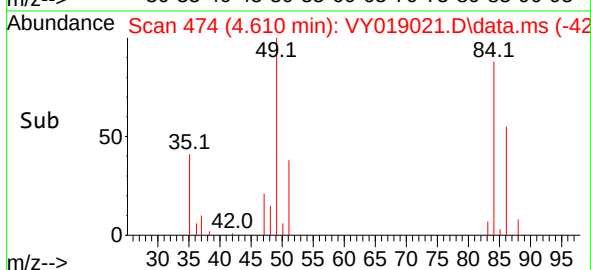
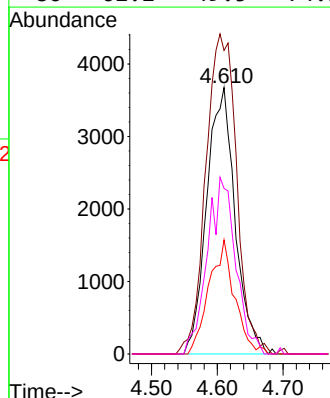
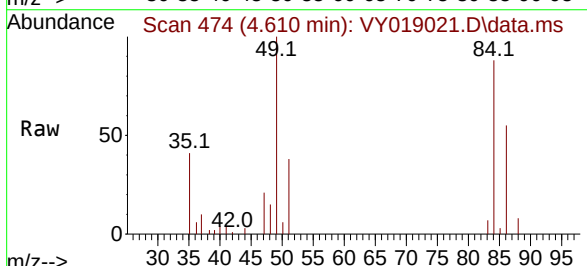
Ion Ratio Lower Upper

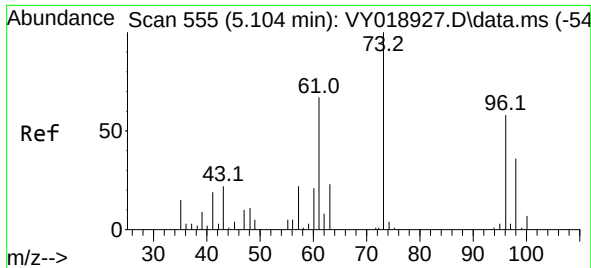
84 100

49 112.6 84.4 126.6

51 42.8 26.0 39.0#

86 62.2 49.5 74.3

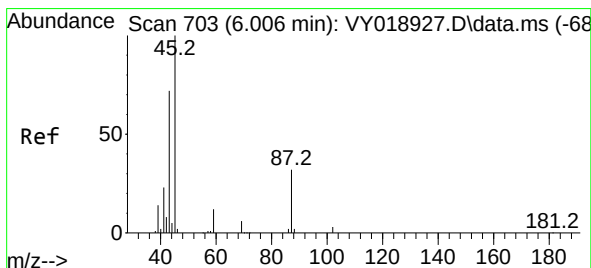
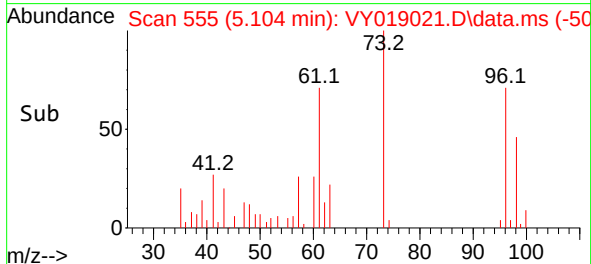
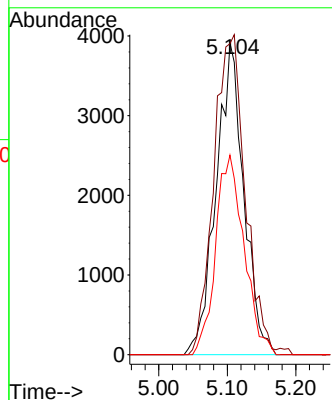
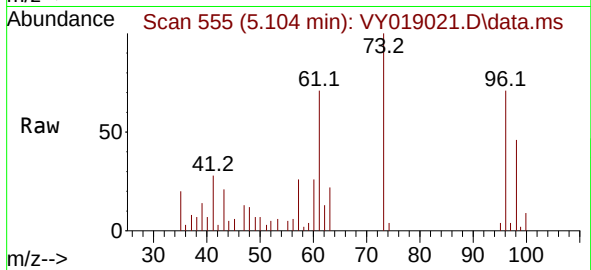




#21
trans-1,2-Dichloroethene
Concen: 20.588 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

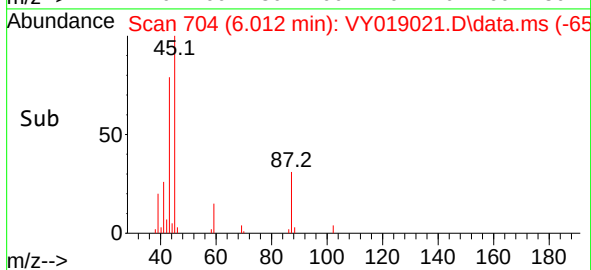
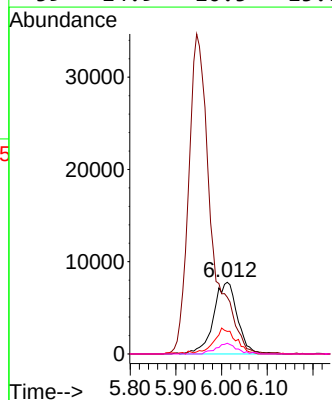
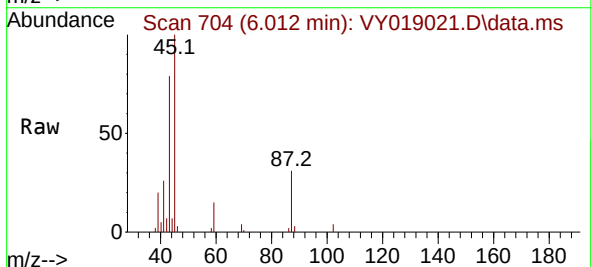
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBS01

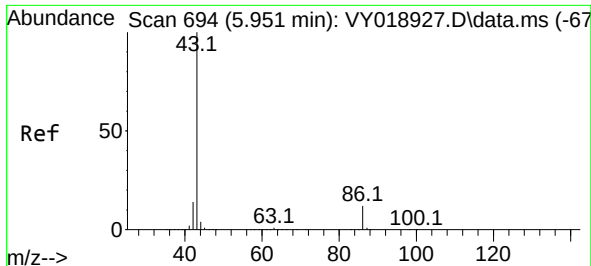
Tgt Ion: 96 Resp: 10990
Ion Ratio Lower Upper
96 100
61 99.7 97.5 146.3
98 64.0 50.5 75.7



#22
Diisopropyl ether
Concen: 20.063 ug/l
RT: 6.012 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

Tgt Ion: 45 Resp: 28221
Ion Ratio Lower Upper
45 100
43 78.1 42.2 63.2#
87 31.4 25.0 37.6
59 14.9 10.5 15.7

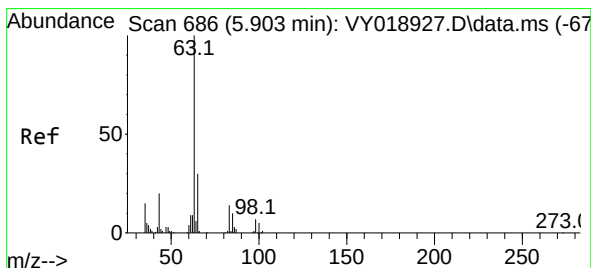
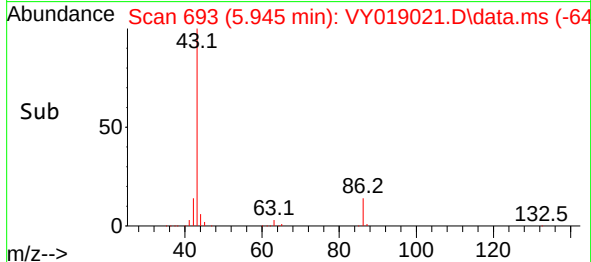
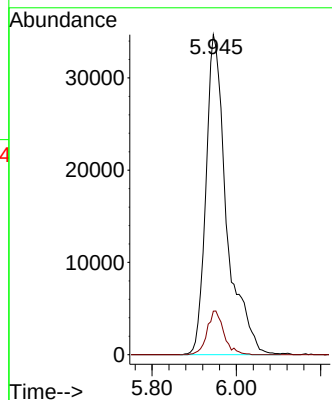
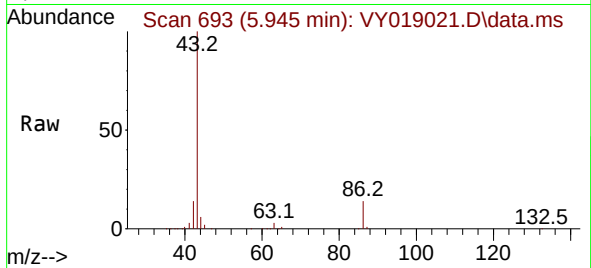




#23
 Vinyl Acetate
 Concen: 97.712 ug/l
 RT: 5.945 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY019021.D
 Acq: 13 Aug 2024 11:42

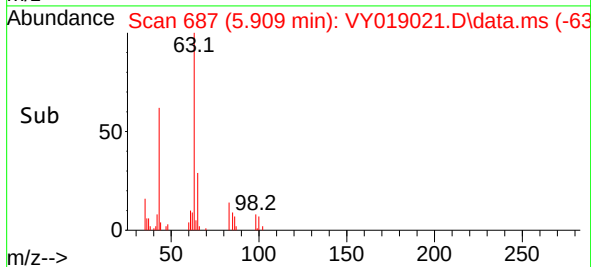
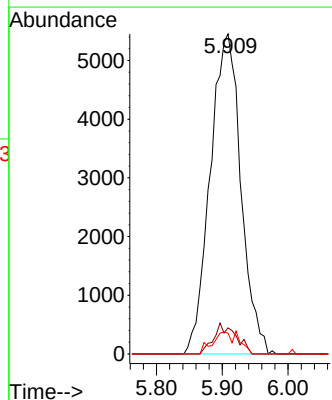
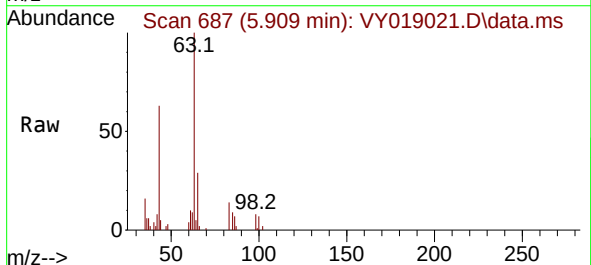
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0813SBS01

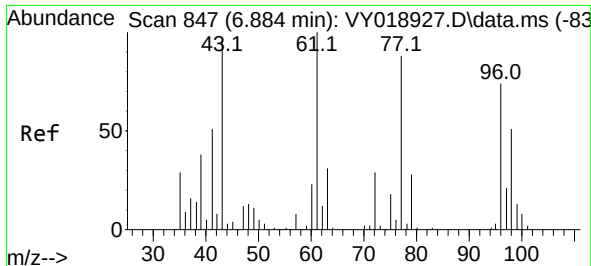
Tgt Ion: 43 Resp: 118618
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.558 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY019021.D
 Acq: 13 Aug 2024 11:42

Tgt Ion: 63 Resp: 17740
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 6.5 2.6 8.0





#25

2-Butanone

Concen: 95.611 ug/l

RT: 6.878 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

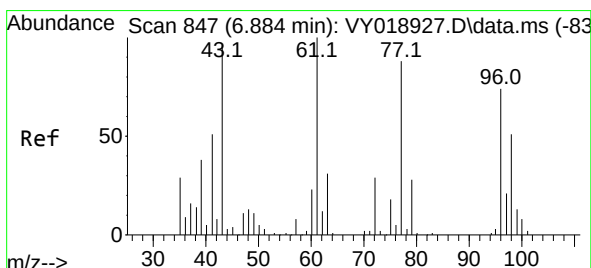
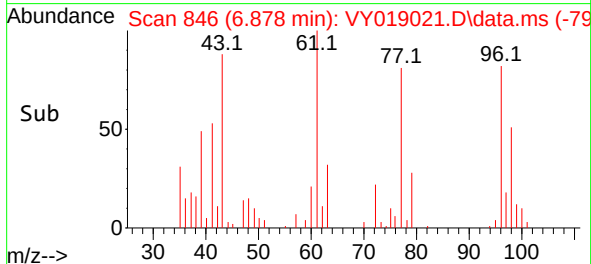
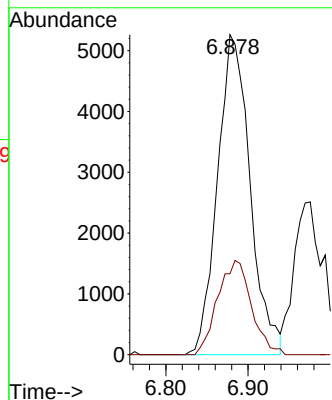
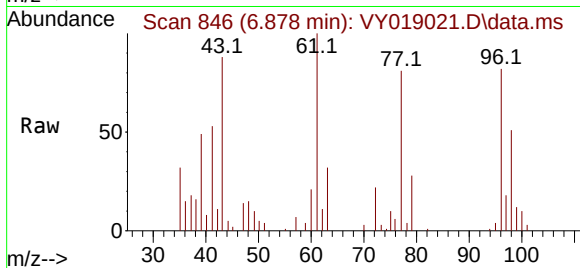
VY0813SBS01

Tgt Ion: 43 Resp: 14472

Ion Ratio Lower Upper

43 100

72 25.3 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 17.672 ug/l

RT: 6.866 min Scan# 844

Delta R.T. -0.018 min

Lab File: VY019021.D

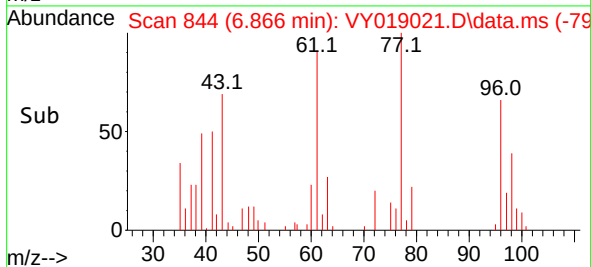
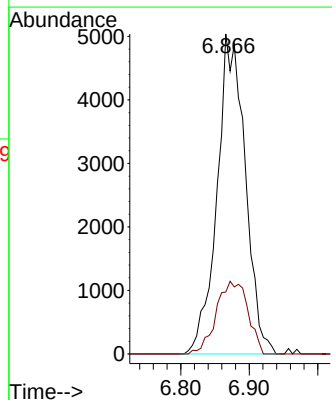
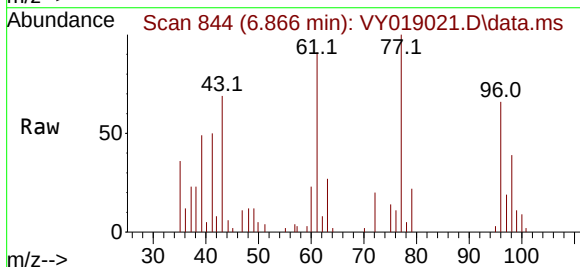
Acq: 13 Aug 2024 11:42

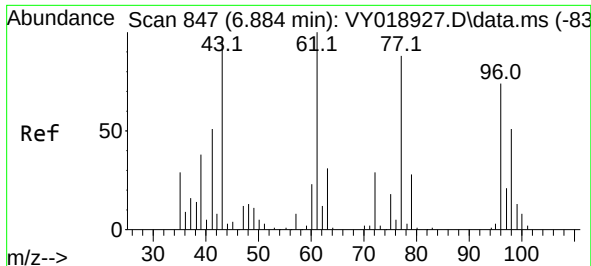
Tgt Ion: 77 Resp: 14353

Ion Ratio Lower Upper

77 100

97 25.5 12.0 36.1

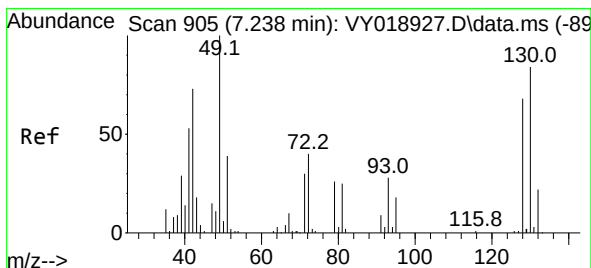
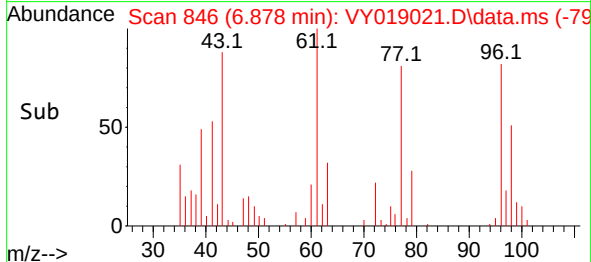
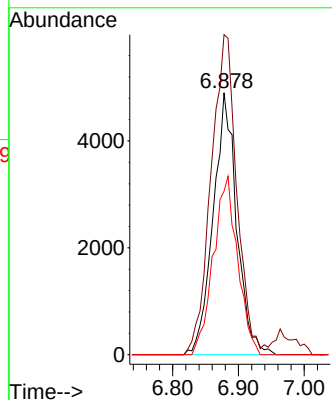
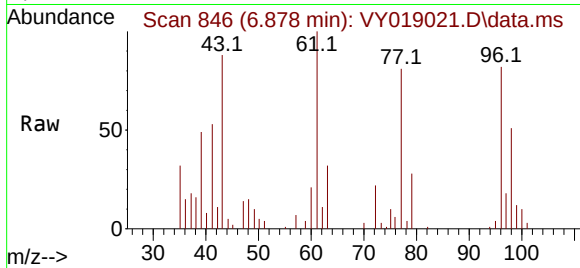




#27
 cis-1,2-Dichloroethene
 Concen: 19.102 ug/l
 RT: 6.878 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY019021.D
 Acq: 13 Aug 2024 11:42

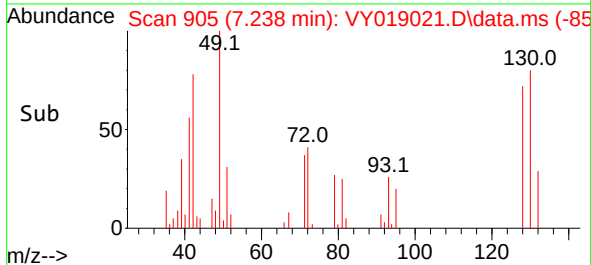
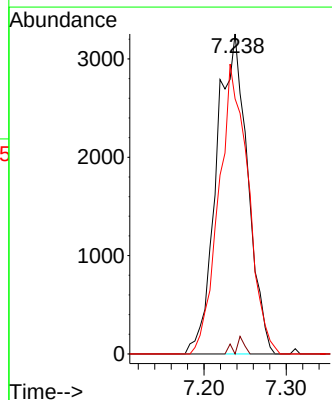
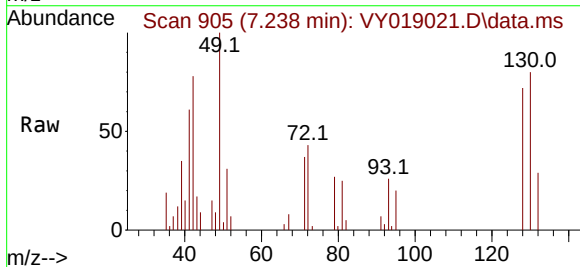
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0813SBS01

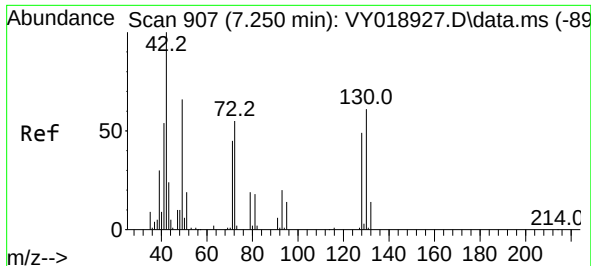
Tgt Ion: 96	Resp: 12200
Ion Ratio	Lower Upper
96 100	
61 134.4	0.0 256.2
98 69.9	0.0 130.0



#28
 Bromochloromethane
 Concen: 21.584 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.000 min
 Lab File: VY019021.D
 Acq: 13 Aug 2024 11:42

Tgt Ion: 49	Resp: 8575
Ion Ratio	Lower Upper
49 100	
129 1.5	0.0 4.6
130 85.6	72.7 109.1





#29

Tetrahydrofuran

Concen: 99.023 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0813SBS01

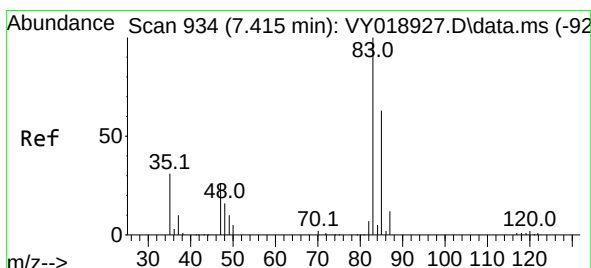
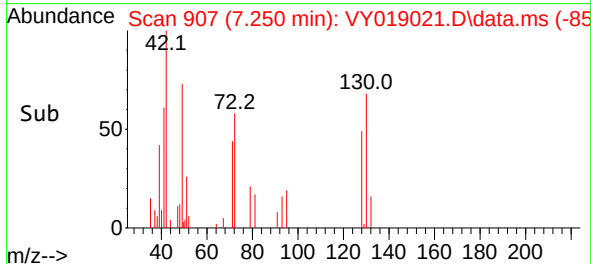
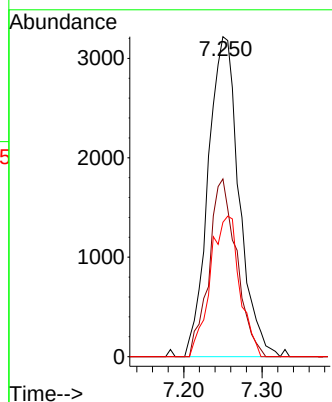
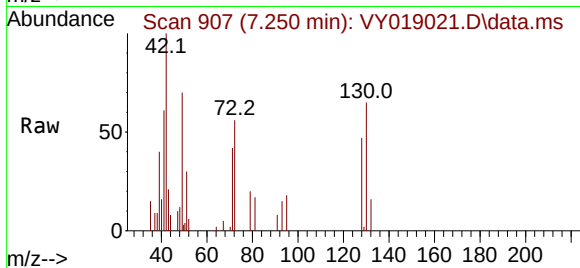
Tgt Ion: 42 Resp: 8838

Ion Ratio Lower Upper

42 100

72 49.4 43.0 64.4

71 41.7 40.8 61.2



#30

Chloroform

Concen: 21.102 ug/l

RT: 7.408 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY019021.D

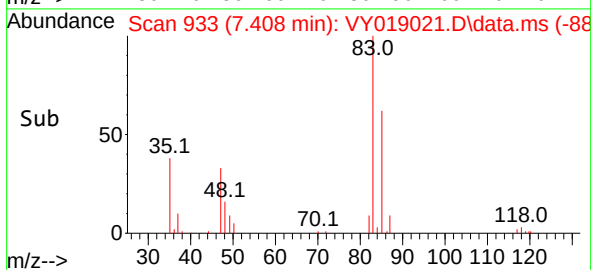
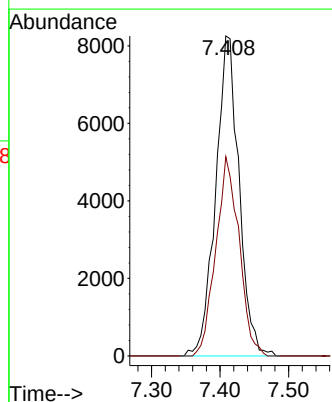
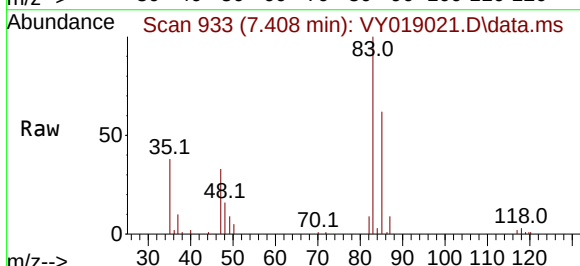
Acq: 13 Aug 2024 11:42

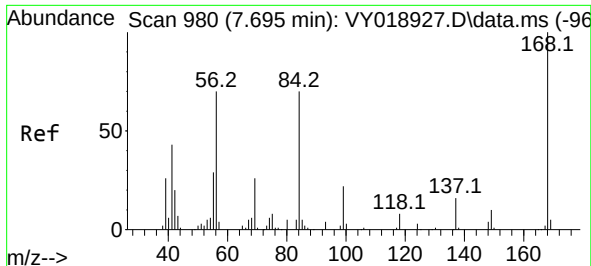
Tgt Ion: 83 Resp: 19479

Ion Ratio Lower Upper

83 100

85 62.2 52.2 78.4

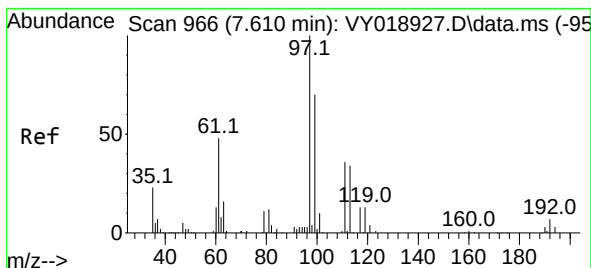
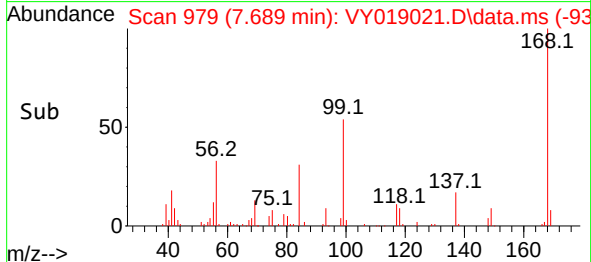
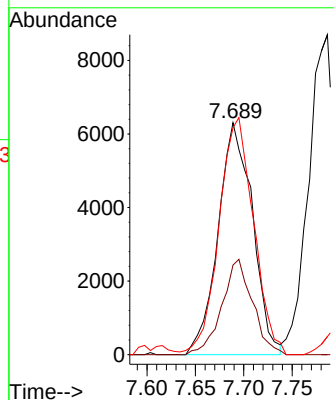
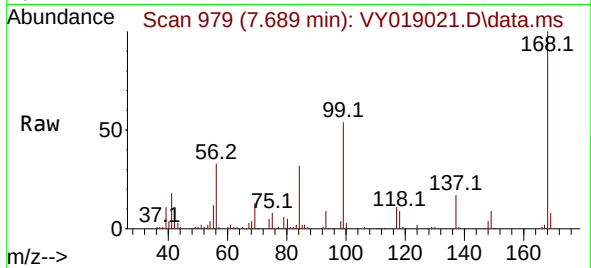




#31
Cyclohexane
Concen: 19.028 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

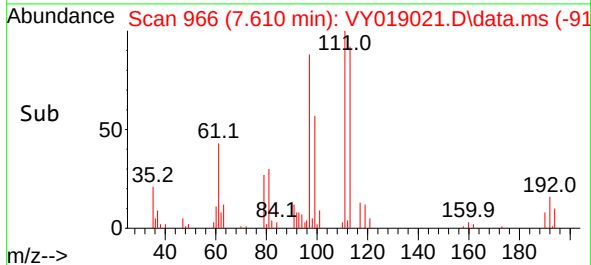
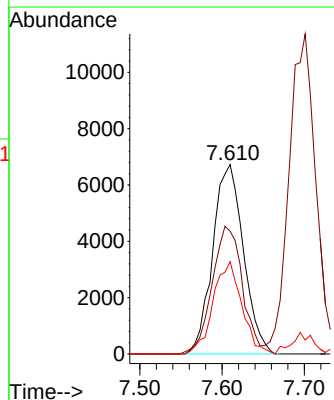
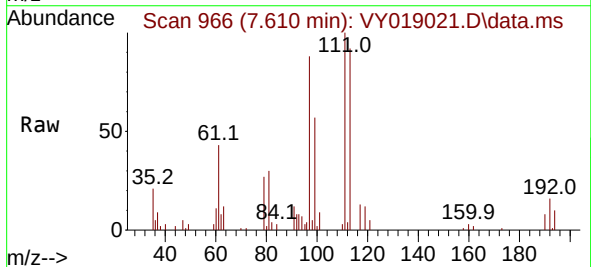
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBS01

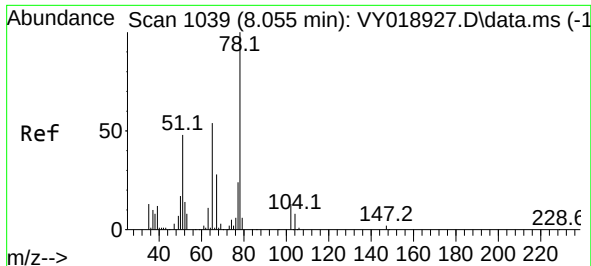
Tgt Ion: 56 Resp: 15622
Ion Ratio Lower Upper
56 100
69 38.6 28.7 43.1
84 96.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.943 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

Tgt Ion: 97 Resp: 17475
Ion Ratio Lower Upper
97 100
99 65.9 50.3 75.5
61 45.4 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 49.824 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

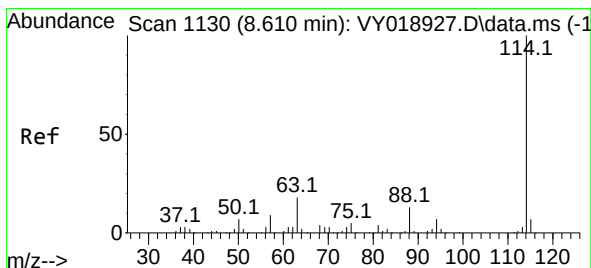
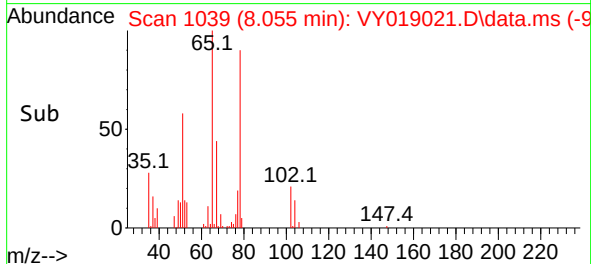
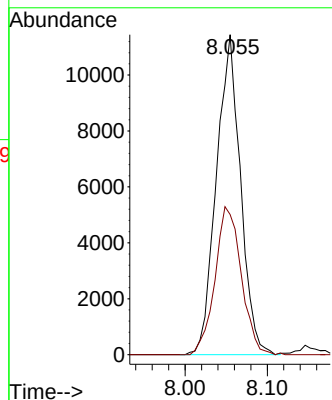
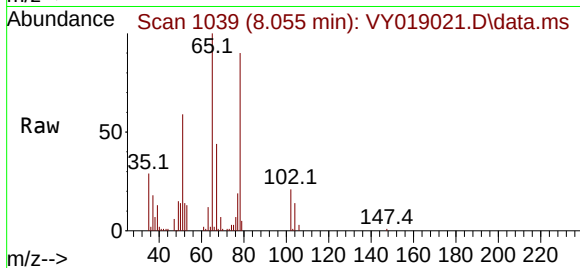
VY0813SBSD01

Tgt Ion: 65 Resp: 23292

Ion Ratio Lower Upper

65 100

67 50.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

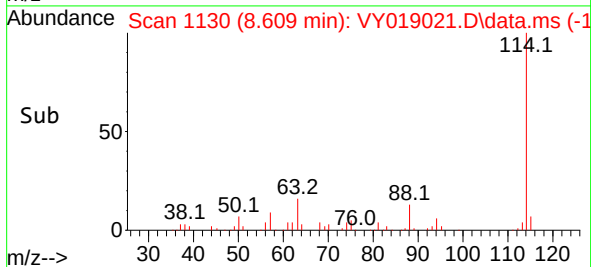
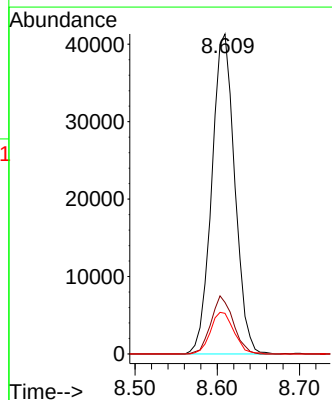
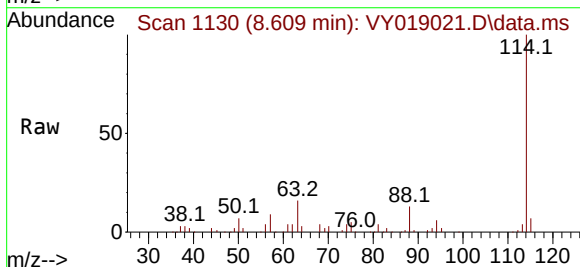
Tgt Ion: 114 Resp: 80194

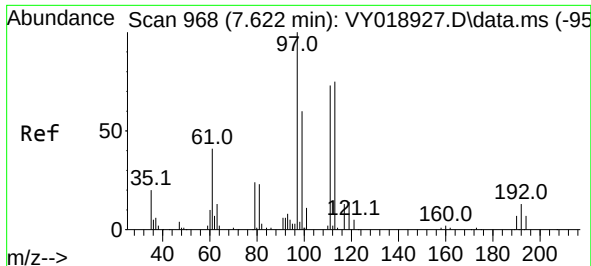
Ion Ratio Lower Upper

114 100

63 16.1 0.0 35.0

88 12.7 0.0 27.2

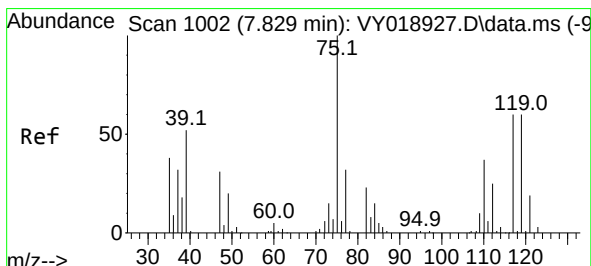
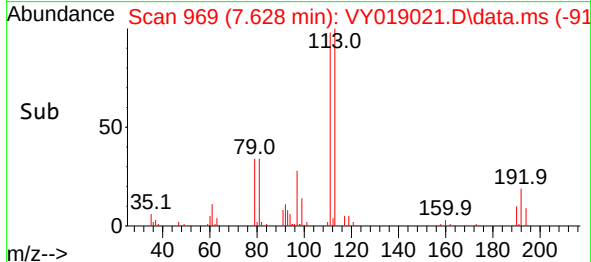
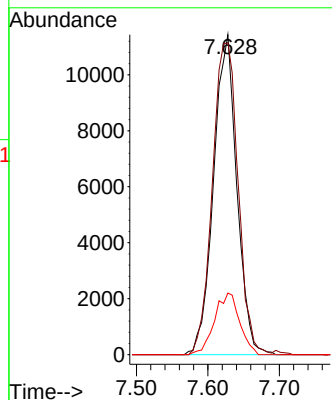
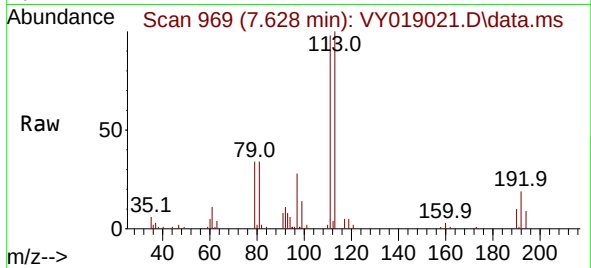




#35
 Dibromofluoromethane
 Concen: 50.552 ug/l
 RT: 7.628 min Scan# 968
 Delta R.T. 0.006 min
 Lab File: VY019021.D
 Acq: 13 Aug 2024 11:42

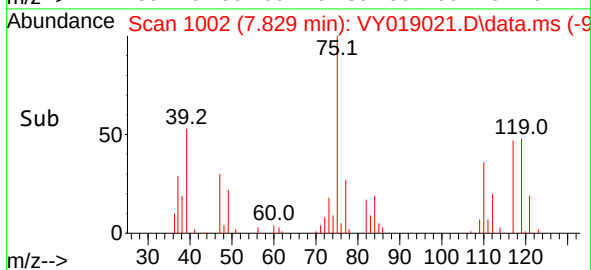
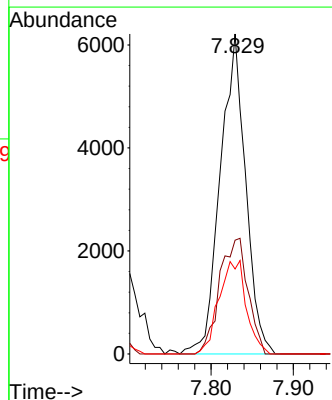
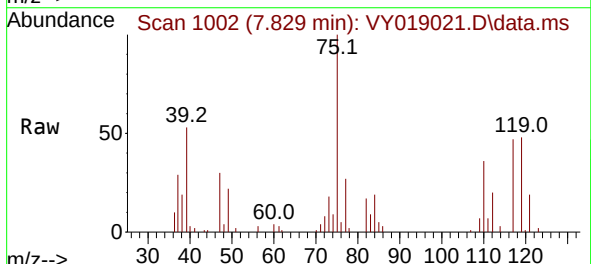
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0813SBS01

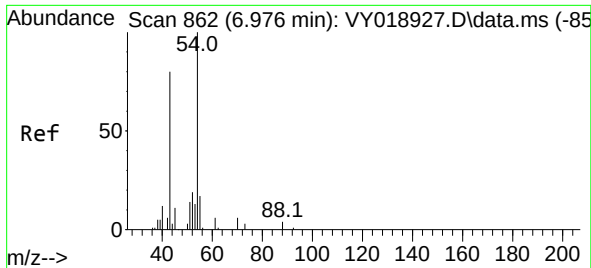
Tgt Ion:113 Resp: 25892
 Ion Ratio Lower Upper
 113 100
 111 107.0 82.2 123.4
 192 20.8 15.9 23.9



#36
 1,1-Dichloropropene
 Concen: 19.388 ug/l
 RT: 7.829 min Scan# 1002
 Delta R.T. -0.000 min
 Lab File: VY019021.D
 Acq: 13 Aug 2024 11:42

Tgt Ion: 75 Resp: 13330
 Ion Ratio Lower Upper
 75 100
 110 40.4 19.0 57.0
 77 31.4 25.3 37.9

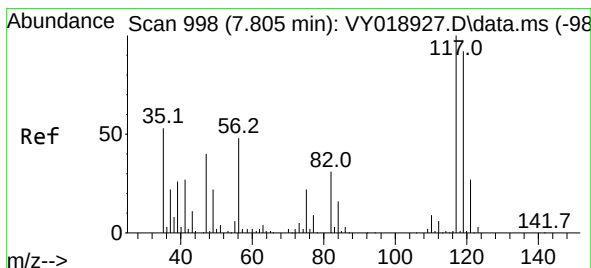
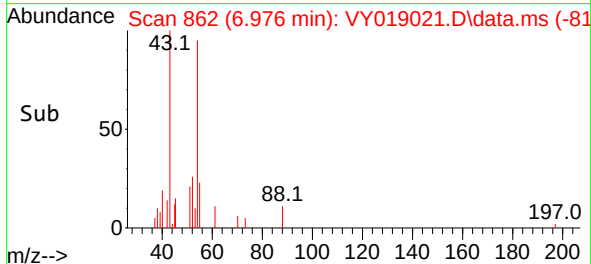
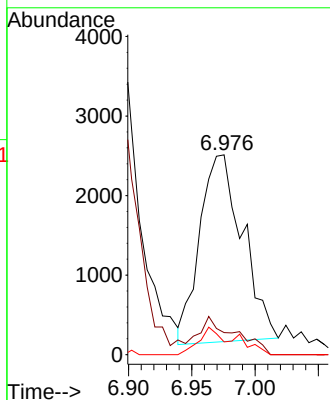
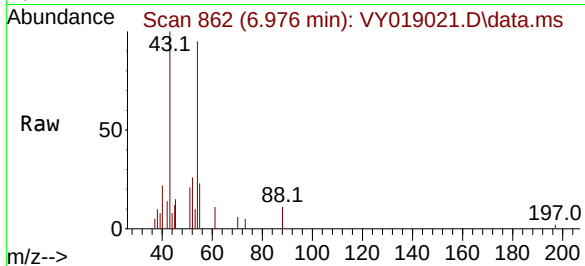




#37
Ethyl Acetate
Concen: 17.686 ug/l
RT: 6.976 min Scan# 862
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

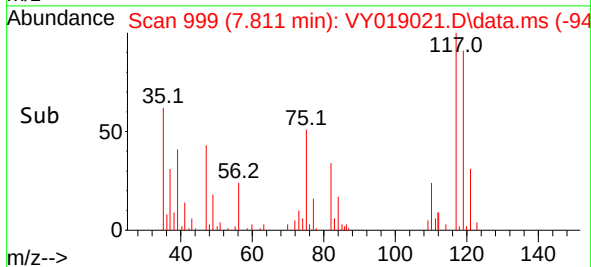
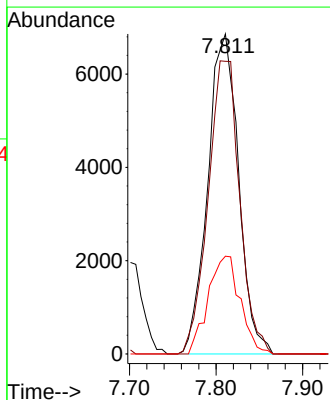
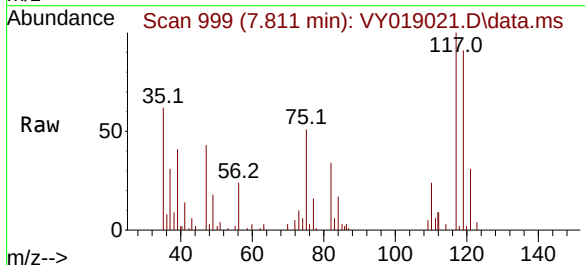
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBS01

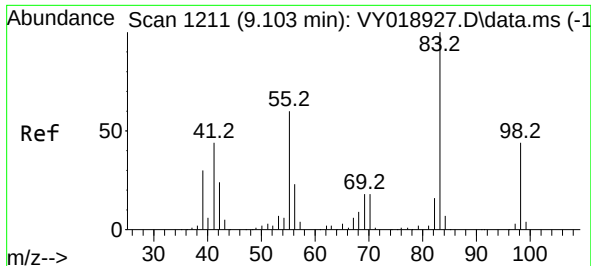
Tgt Ion: 43 Resp: 5558
Ion Ratio Lower Upper
43 100
61 17.4 12.6 19.0
70 12.1 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 21.540 ug/l
RT: 7.811 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

Tgt Ion: 117 Resp: 16980
Ion Ratio Lower Upper
117 100
119 91.5 75.8 113.6
121 30.5 24.0 36.0





#39

Methylcyclohexane

Concen: 19.395 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0813SBSD01

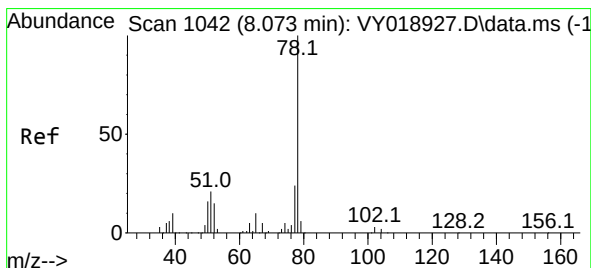
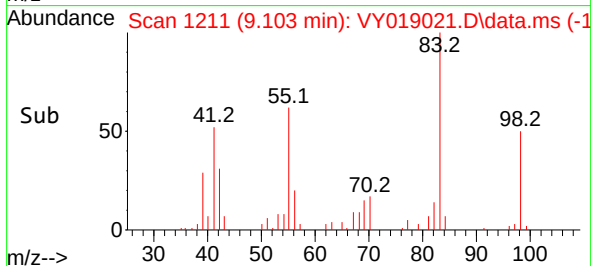
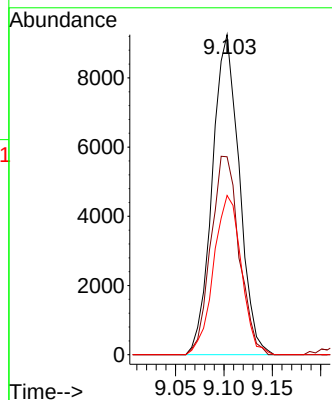
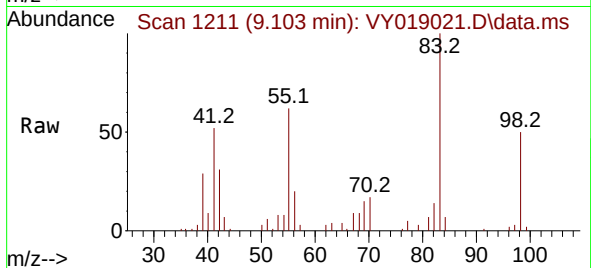
Tgt Ion: 83 Resp: 17949

Ion Ratio Lower Upper

83 100

55 61.9 51.5 77.3

98 49.7 40.5 60.7



#40

Benzene

Concen: 21.185 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY019021.D

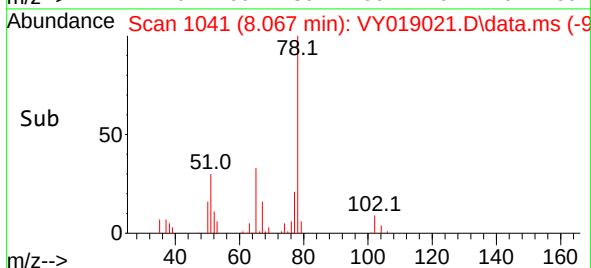
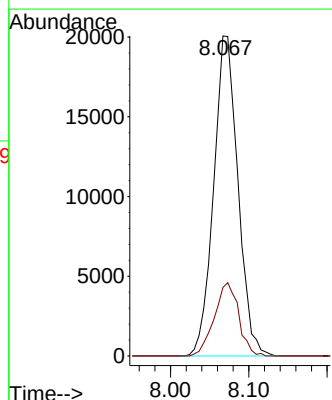
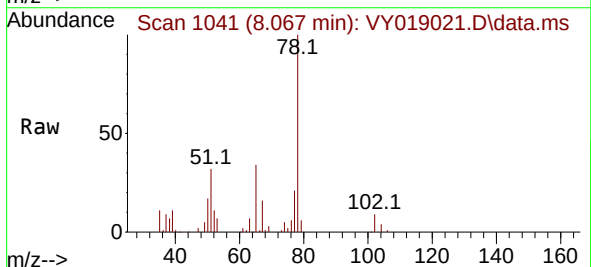
Acq: 13 Aug 2024 11:42

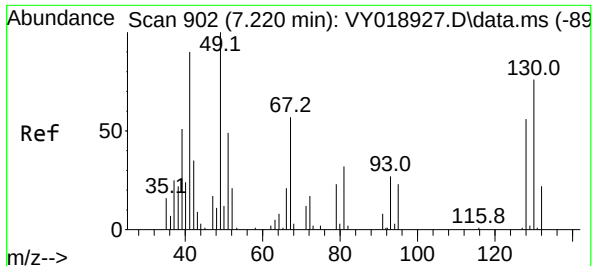
Tgt Ion: 78 Resp: 43306

Ion Ratio Lower Upper

78 100

77 21.4 19.5 29.3

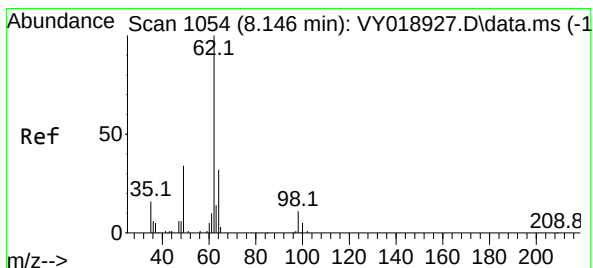
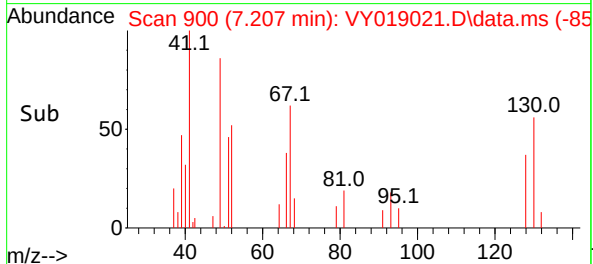
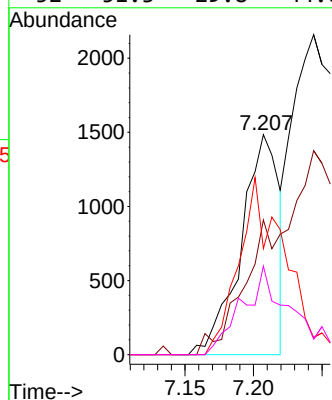
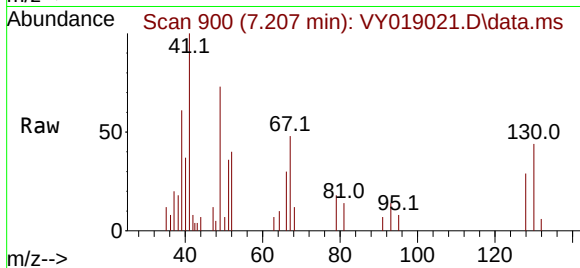




#41
Methacrylonitrile
Concen: 19.209 ug/l
RT: 7.207 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

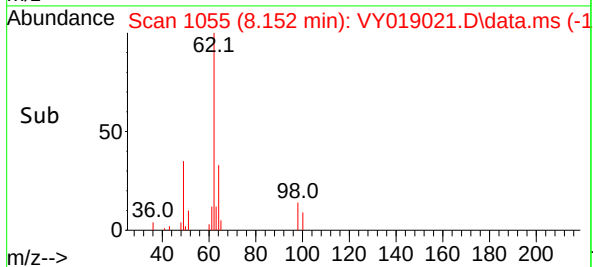
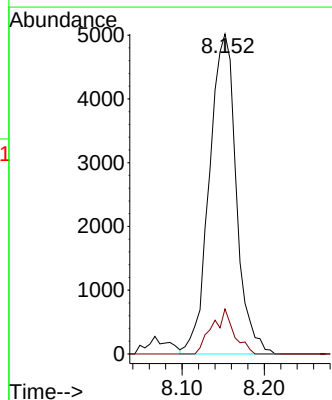
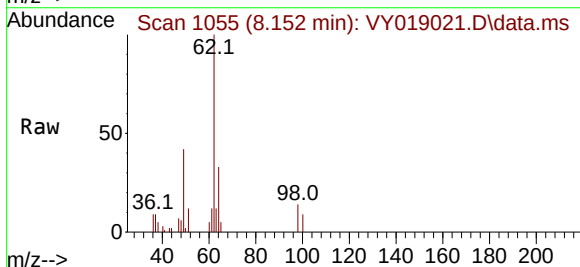
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBS01

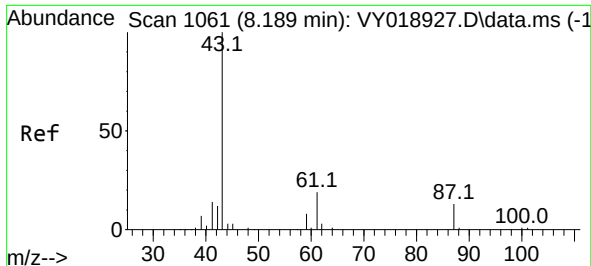
Tgt Ion: 41 Resp: 2870
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 96.6 75.1 112.7
52 51.3 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 22.397 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

Tgt Ion: 62 Resp: 11398
Ion Ratio Lower Upper
62 100
98 11.5 0.0 22.0

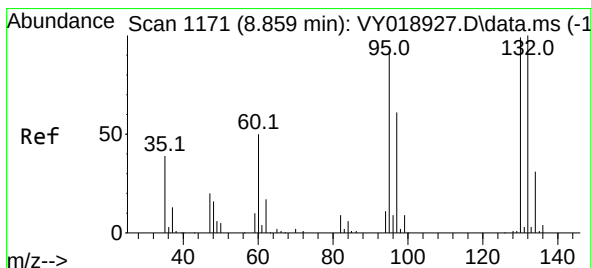
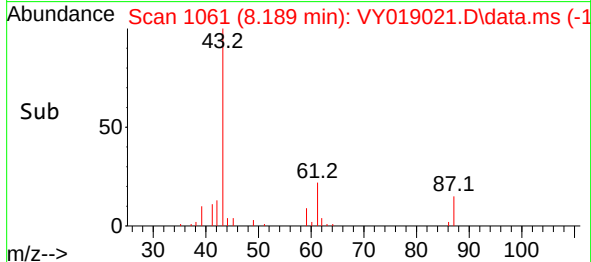
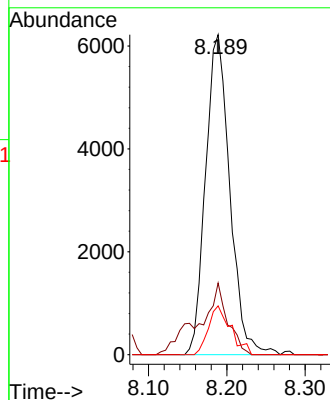
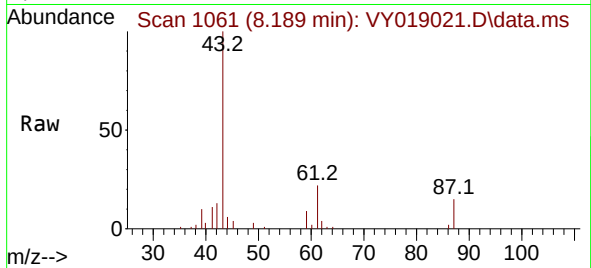




#43
Isopropyl Acetate
Concen: 20.939 ug/l
RT: 8.189 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

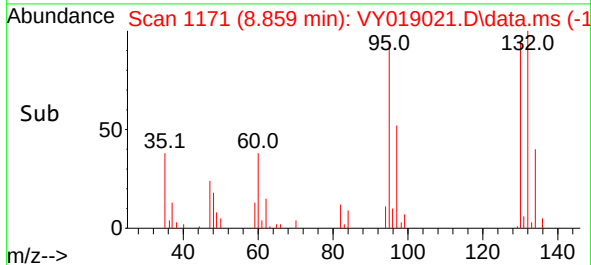
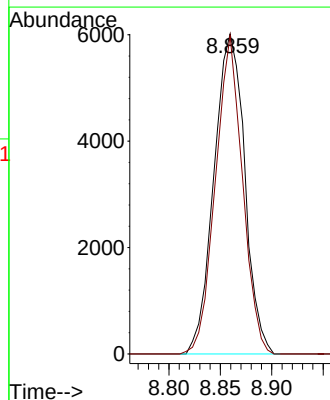
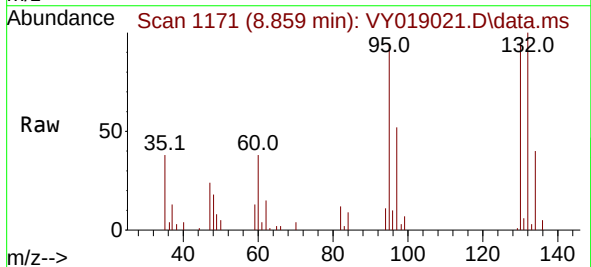
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

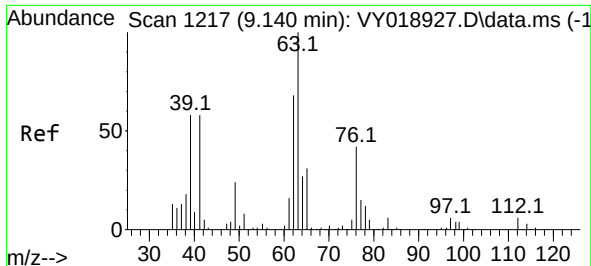
Tgt Ion: 43 Resp: 13382
Ion Ratio Lower Upper
43 100
61 15.8 27.9 41.9#
87 13.9 13.1 19.7



#44
Trichloroethene
Concen: 21.430 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

Tgt Ion:130 Resp: 12487
Ion Ratio Lower Upper
130 100
95 99.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.472 ug/l

RT: 9.134 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

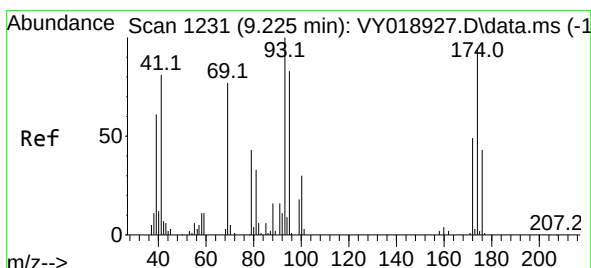
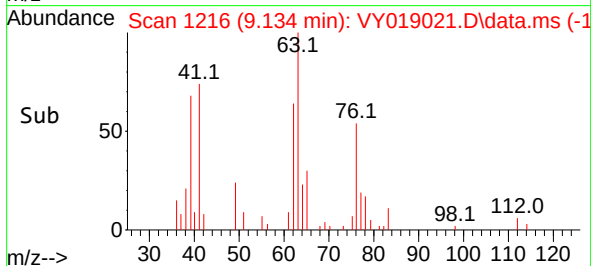
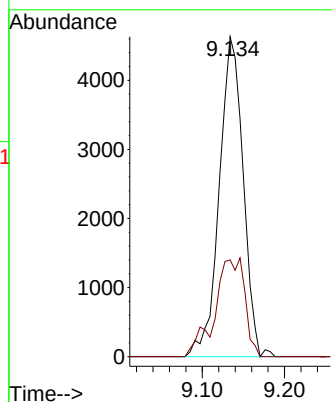
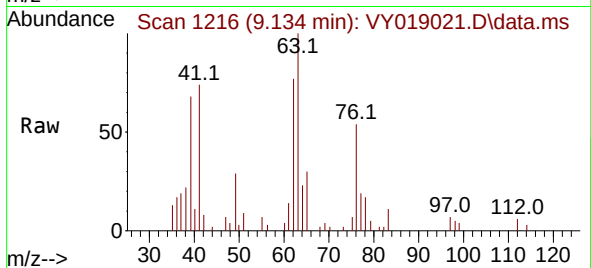
VY0813SBS01

Tgt Ion: 63 Resp: 9364

Ion Ratio Lower Upper

63 100

65 30.3 25.4 38.2



#46

Dibromomethane

Concen: 22.307 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

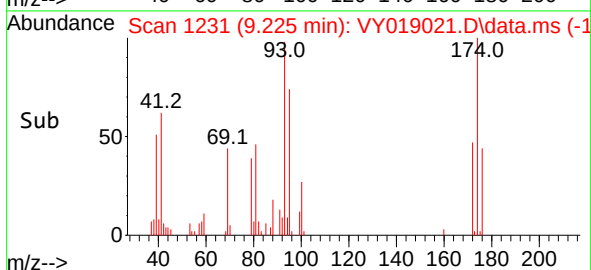
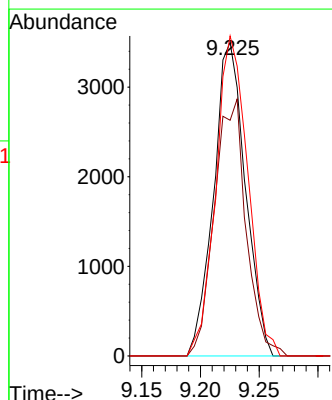
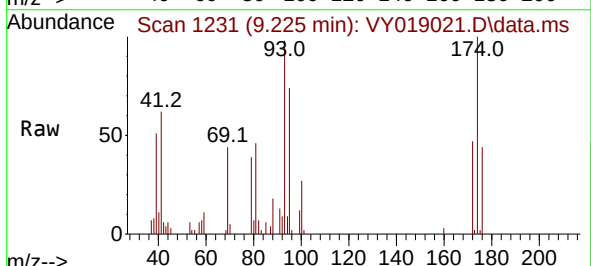
Tgt Ion: 93 Resp: 6593

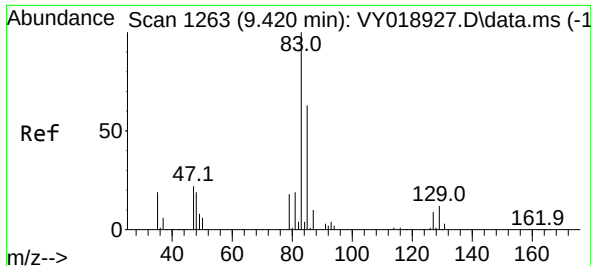
Ion Ratio Lower Upper

93 100

95 81.5 66.2 99.4

174 102.7 80.9 121.3

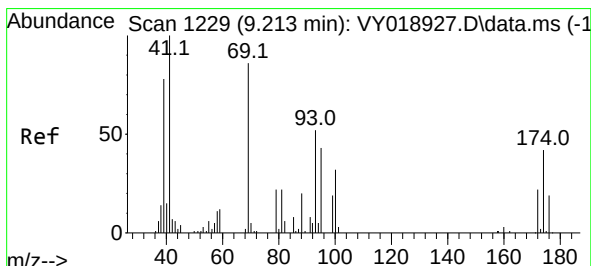
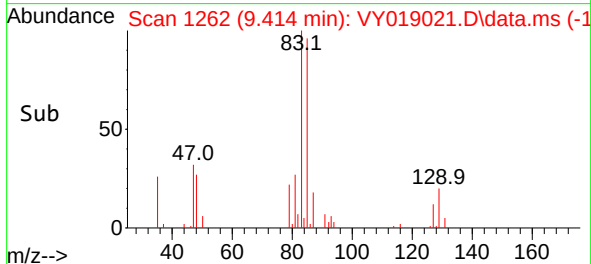
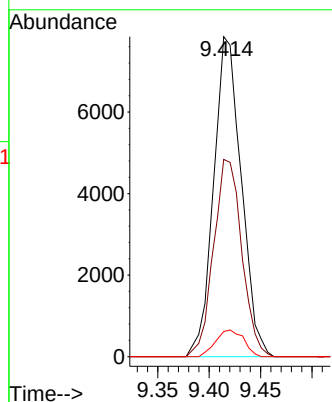
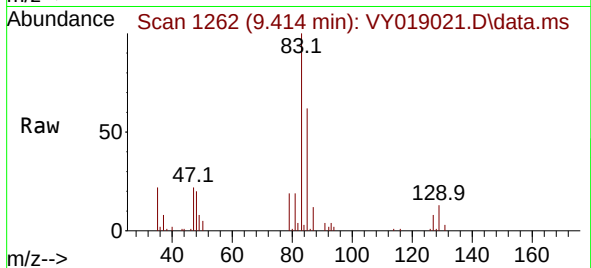




#47
Bromodichloromethane
Concen: 21.190 ug/l
RT: 9.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

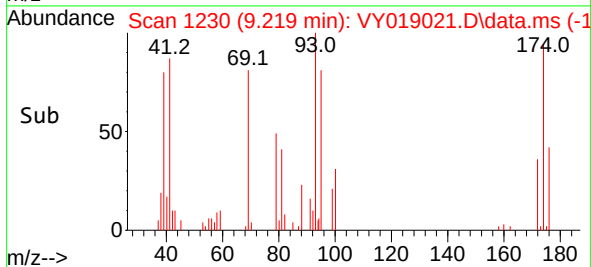
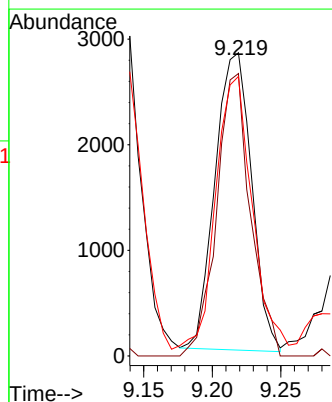
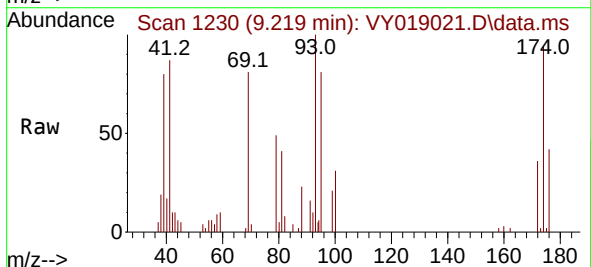
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

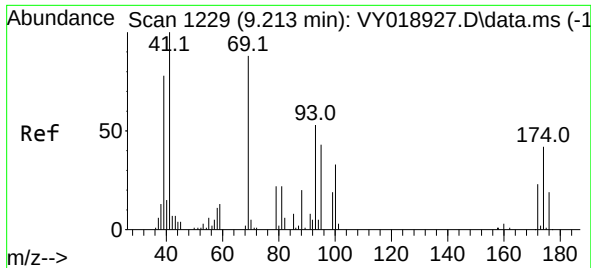
Tgt Ion: 83 Resp: 14656
Ion Ratio Lower Upper
83 100
85 61.6 50.1 75.1
127 7.9 7.4 11.0



#48
Methyl methacrylate
Concen: 18.682 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

Tgt Ion: 41 Resp: 5216
Ion Ratio Lower Upper
41 100
69 88.3 84.1 126.1
39 89.4 43.6 65.4#

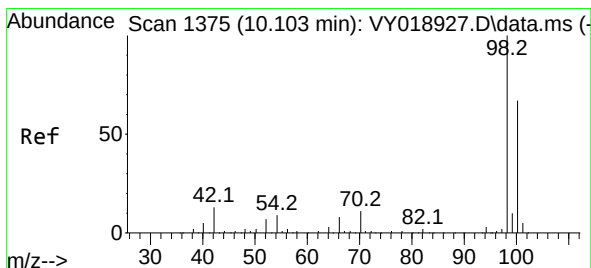
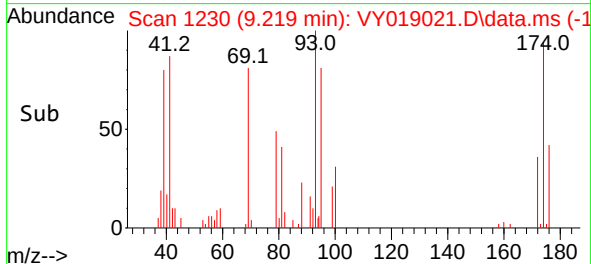
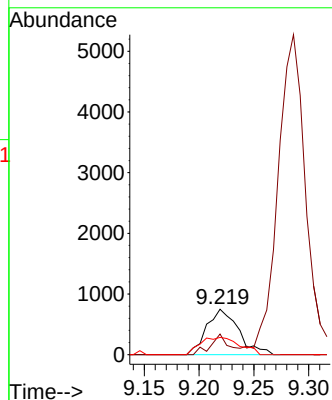
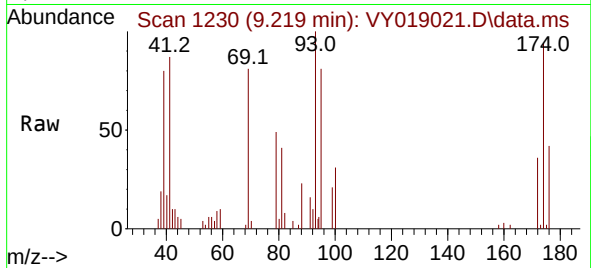




#49
1,4-Dioxane
Concen: 434.447 ug/l
RT: 9.219 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

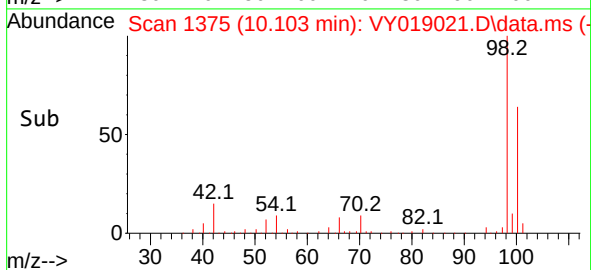
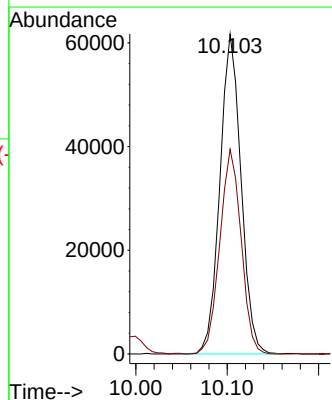
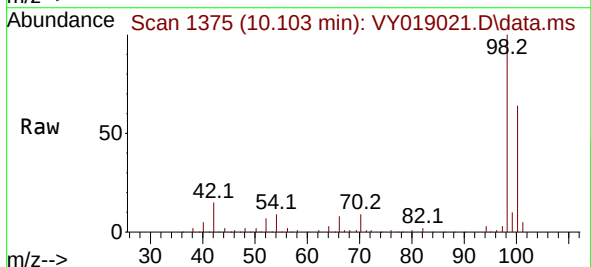
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

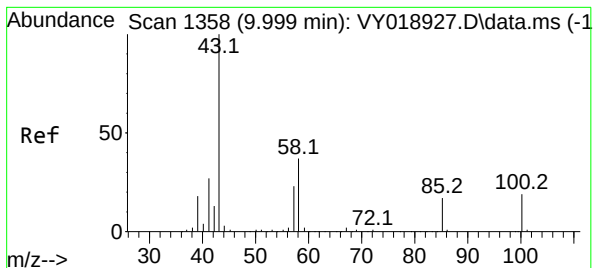
Tgt Ion: 88 Resp: 1517
Ion Ratio Lower Upper
88 100
43 26.4 0.0 0.0#
58 47.2 49.3 73.9#



#50
Toluene-d8
Concen: 50.407 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

Tgt Ion: 98 Resp: 99168
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 107.207 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

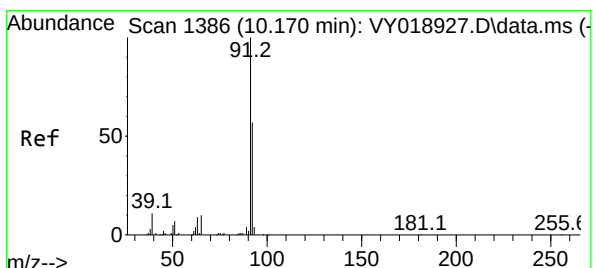
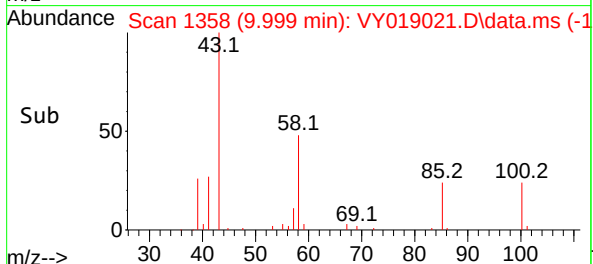
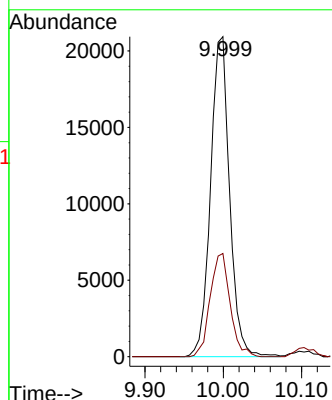
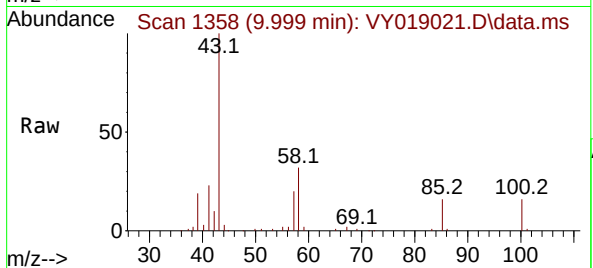
VY0813SBSD01

Tgt Ion: 43 Resp: 35336

Ion Ratio Lower Upper

43 100

58 33.9 35.7 53.5#



#52

Toluene

Concen: 20.018 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY019021.D

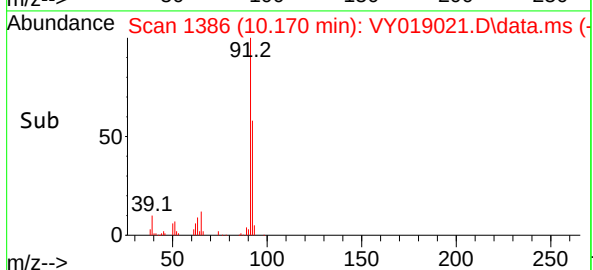
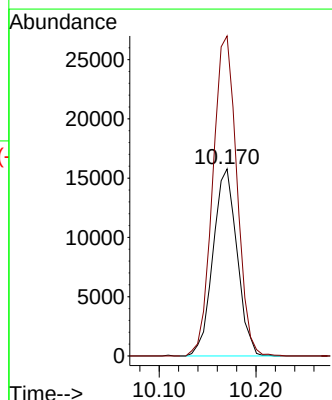
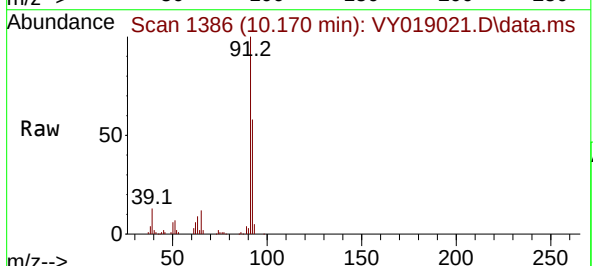
Acq: 13 Aug 2024 11:42

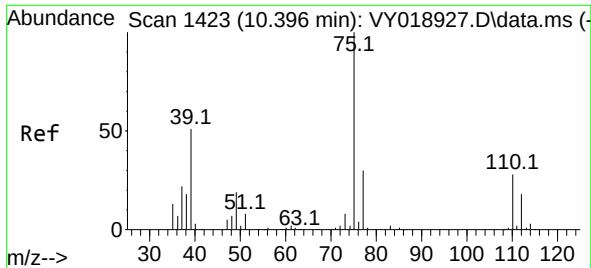
Tgt Ion: 92 Resp: 27183

Ion Ratio Lower Upper

92 100

91 171.6 139.0 208.6

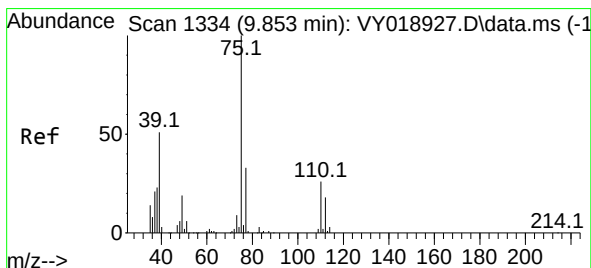
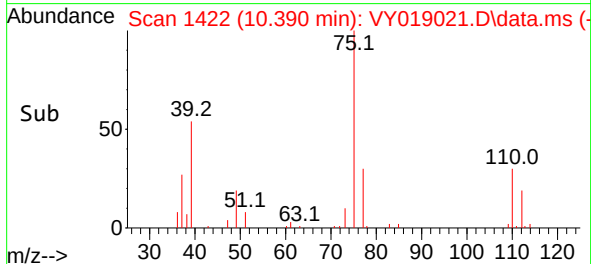
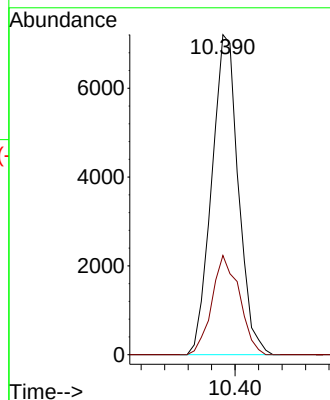
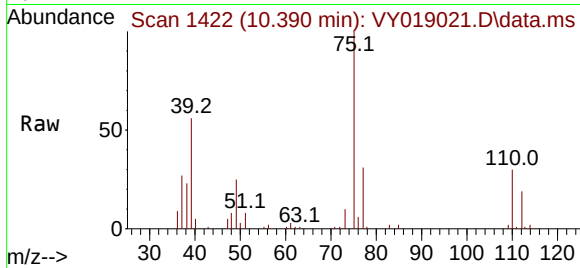




#53
 t-1,3-Dichloropropene
 Concen: 18.413 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY019021.D
 Acq: 13 Aug 2024 11:42

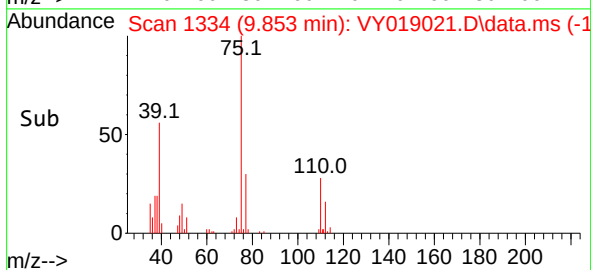
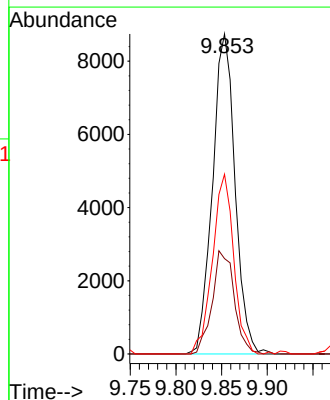
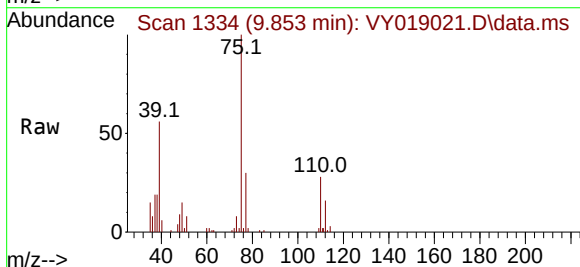
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0813SBSD01

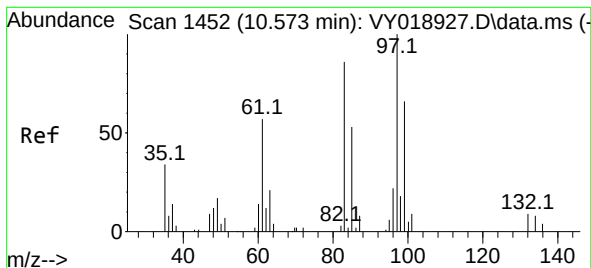
Tgt Ion: 75 Resp: 11357
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.486 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY019021.D
 Acq: 13 Aug 2024 11:42

Tgt Ion: 75 Resp: 15009
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.4 38.0
 39 56.2 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 20.625 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0813SBS01

Tgt Ion: 97 Resp: 7486

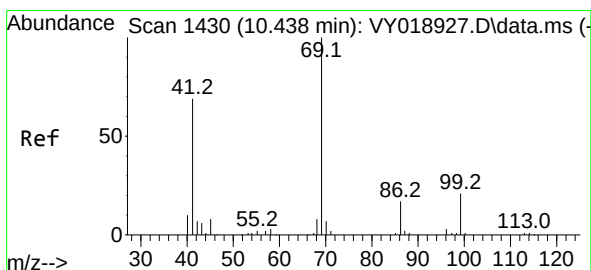
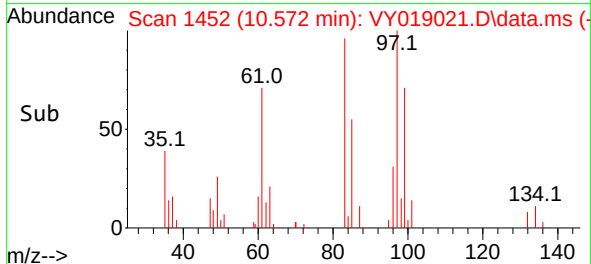
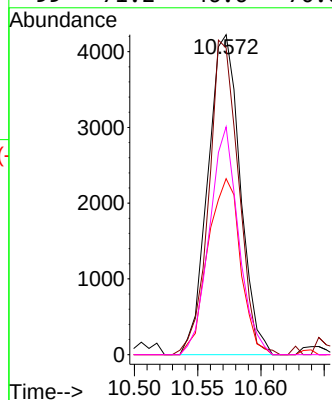
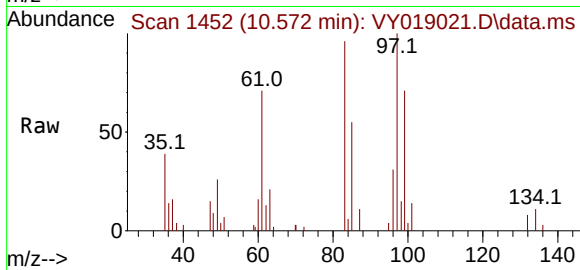
Ion Ratio Lower Upper

97 100

83 95.9 67.5 101.3

85 55.0 42.9 64.3

99 71.2 46.6 70.0#



#56

Ethyl methacrylate

Concen: 19.598 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

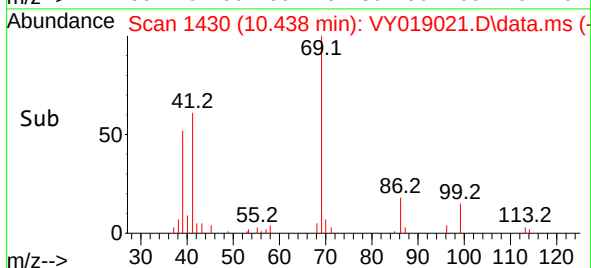
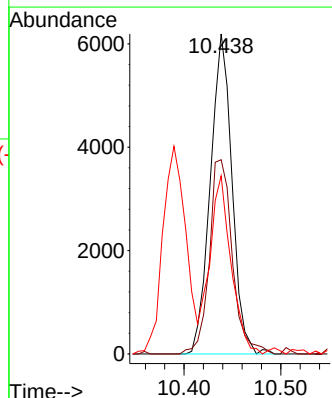
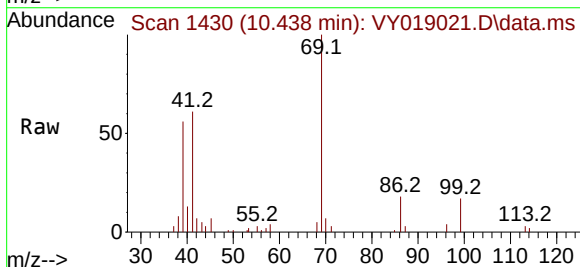
Tgt Ion: 69 Resp: 9631

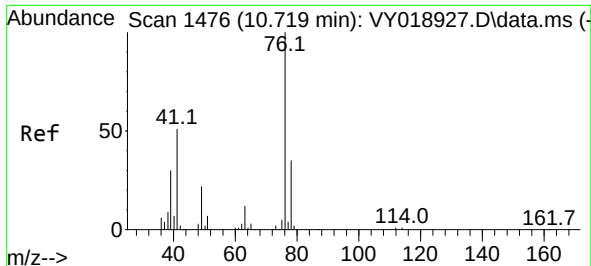
Ion Ratio Lower Upper

69 100

41 64.6 42.3 63.5#

39 55.0 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 20.147 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

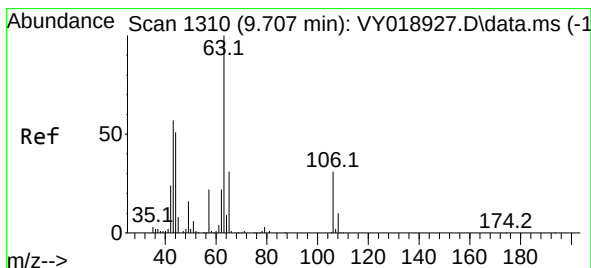
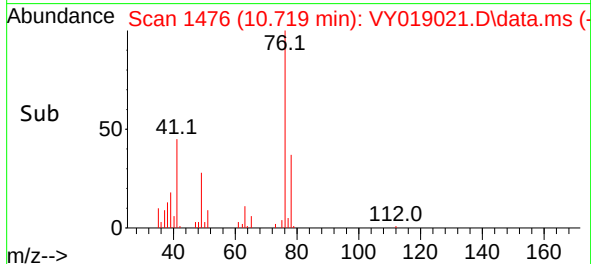
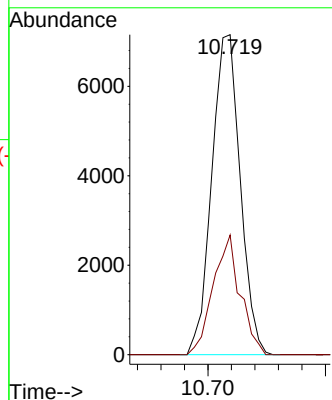
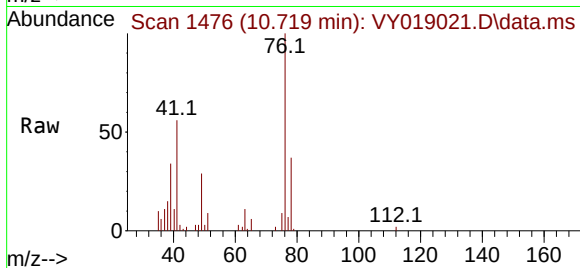
VY0813SBSD01

Tgt Ion: 76 Resp: 12040

Ion Ratio Lower Upper

76 100

78 35.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 94.390 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY019021.D

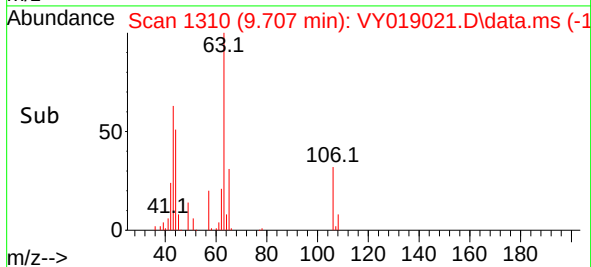
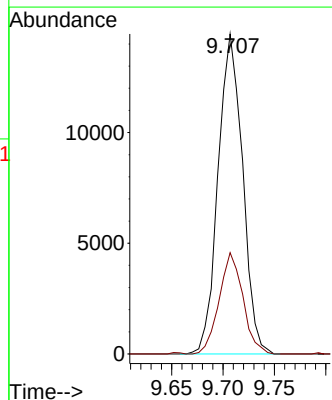
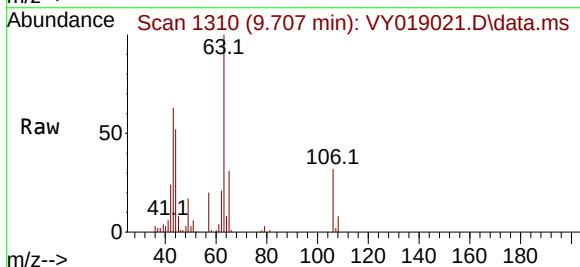
Acq: 13 Aug 2024 11:42

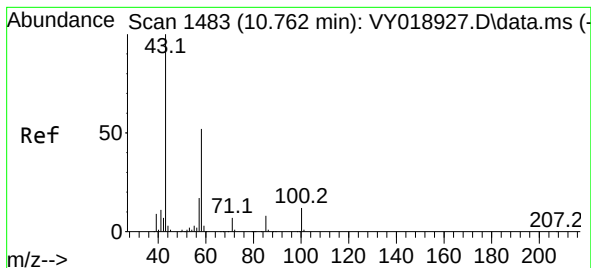
Tgt Ion: 63 Resp: 23914

Ion Ratio Lower Upper

63 100

106 30.7 23.7 35.5

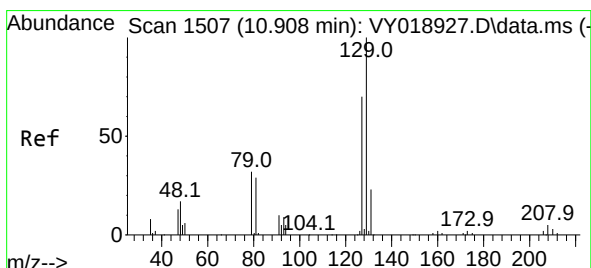
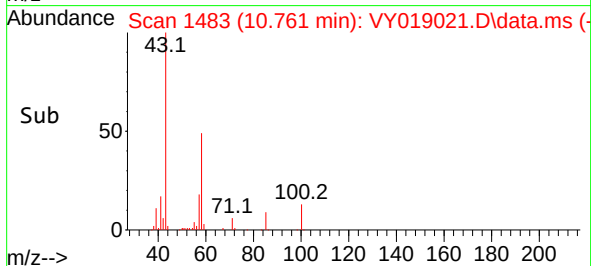
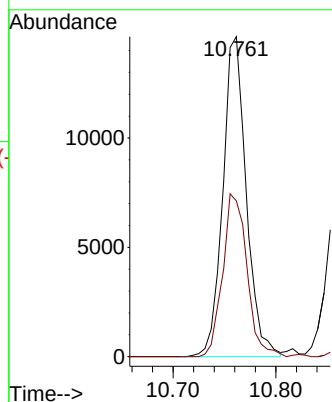
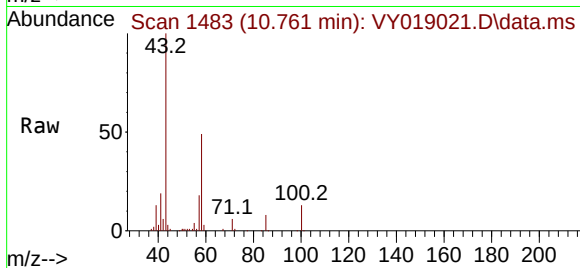




#59
2-Hexanone
Concen: 98.030 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

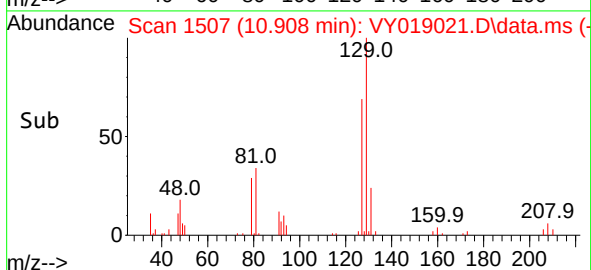
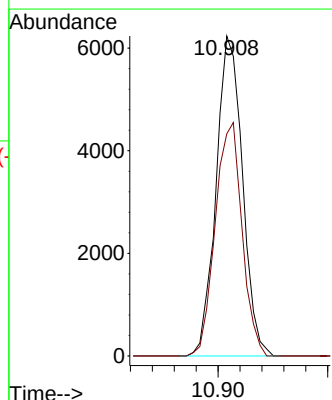
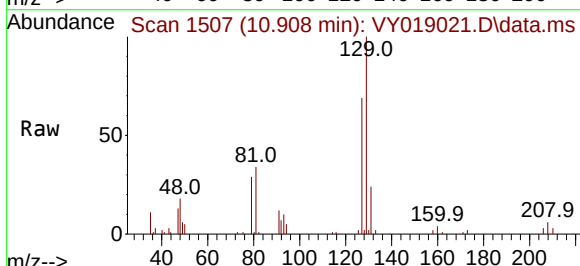
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

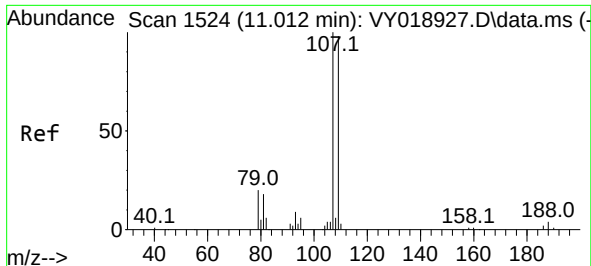
Tgt Ion: 43 Resp: 23178
Ion Ratio Lower Upper
43 100
58 52.6 31.4 94.0



#60
Dibromochloromethane
Concen: 21.399 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

Tgt Ion: 129 Resp: 10413
Ion Ratio Lower Upper
129 100
127 74.0 39.0 117.0

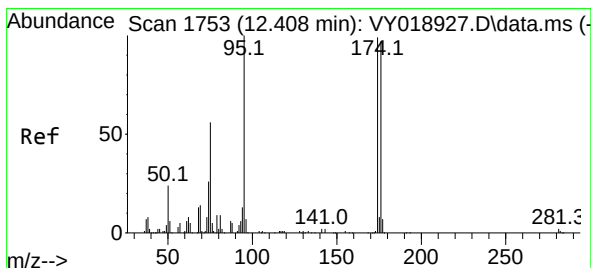
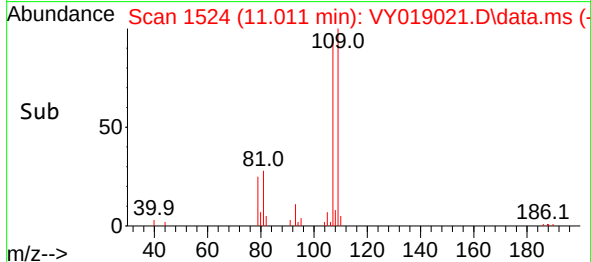
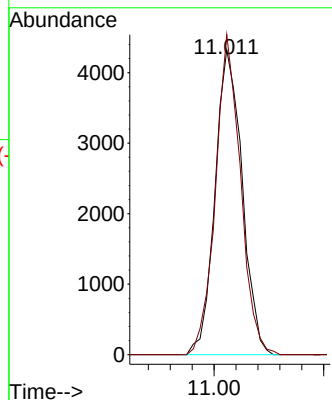
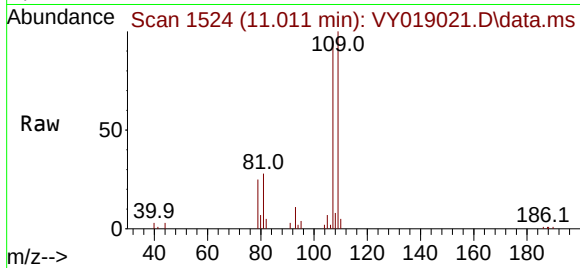




#61
1,2-Dibromoethane
Concen: 21.152 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

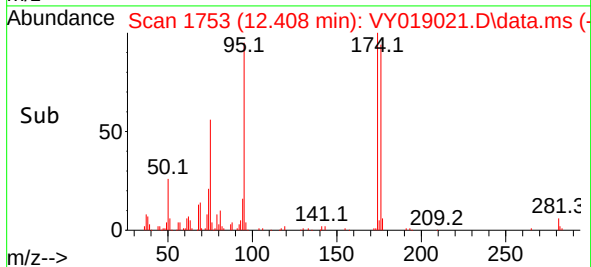
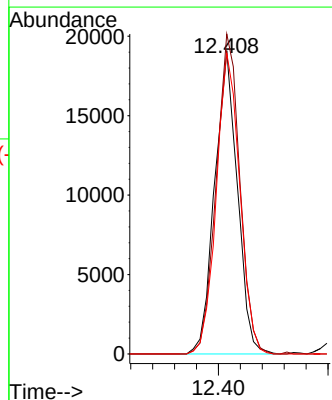
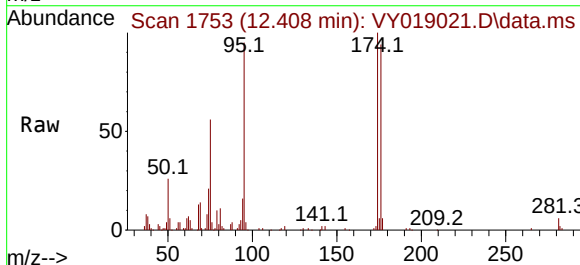
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

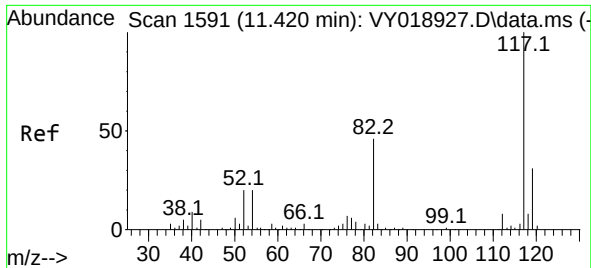
Tgt Ion:107 Resp: 7413
Ion Ratio Lower Upper
107 100
109 97.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 46.876 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

Tgt Ion: 95 Resp: 27360
Ion Ratio Lower Upper
95 100
174 110.0 0.0 175.6
176 102.9 0.0 171.4

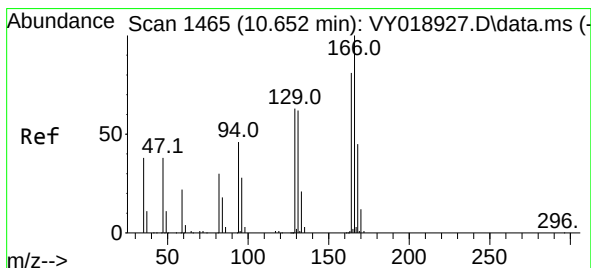
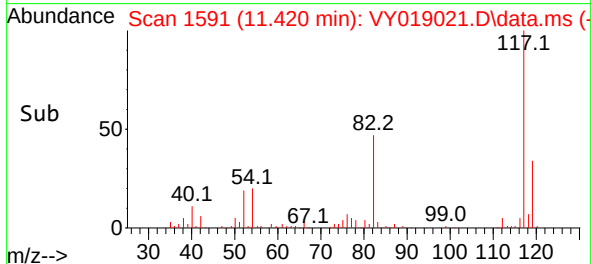
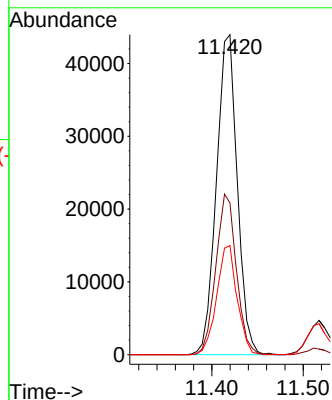
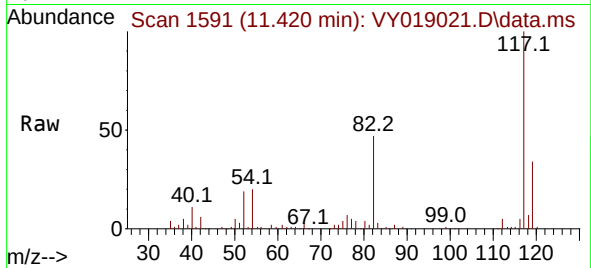




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

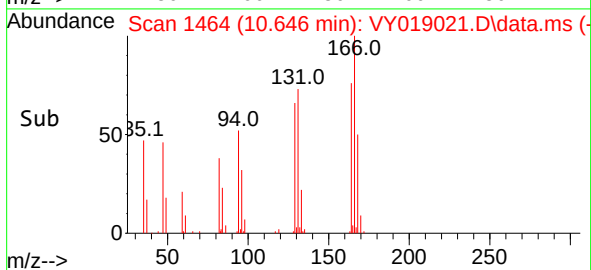
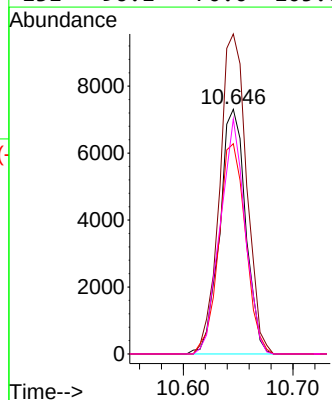
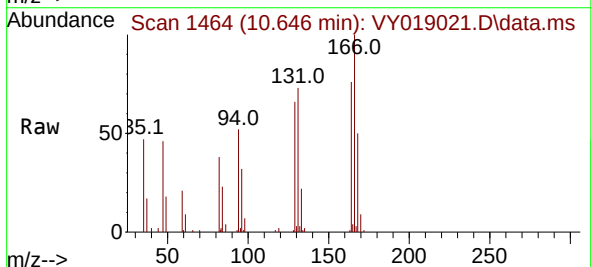
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

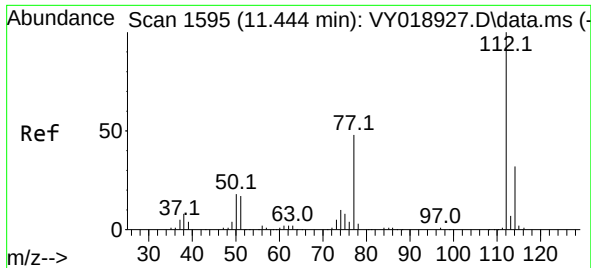
Tgt Ion:117 Resp: 69862
Ion Ratio Lower Upper
117 100
82 47.4 42.4 63.6
119 34.1 25.9 38.9



#64
Tetrachloroethene
Concen: 20.521 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

Tgt Ion:164 Resp: 12018
Ion Ratio Lower Upper
164 100
166 130.8 102.6 154.0
129 85.9 72.0 108.0
131 96.1 70.0 105.0

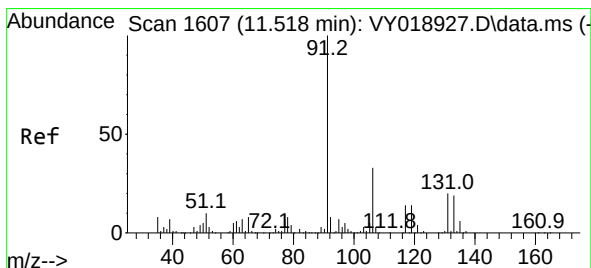
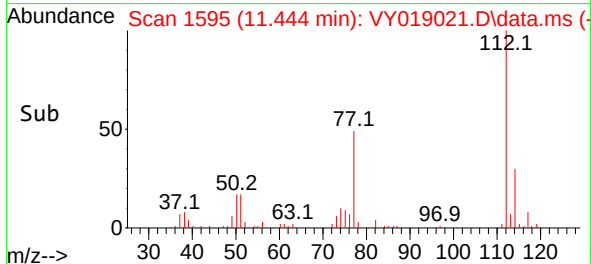
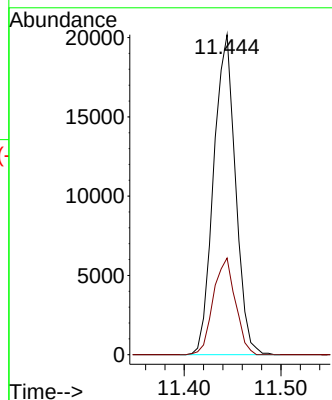
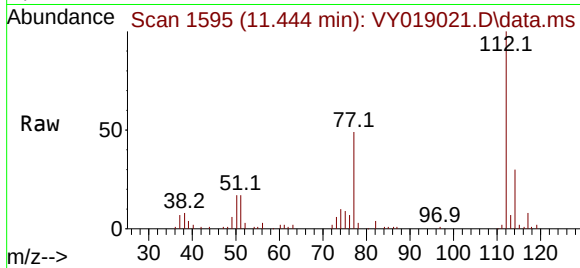




#65
Chlorobenzene
Concen: 20.671 ug/l
RT: 11.444 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

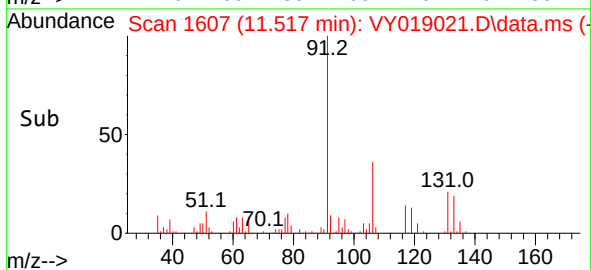
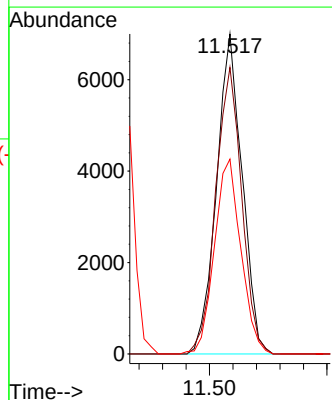
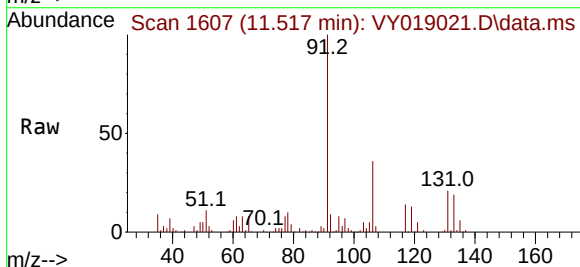
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBS01

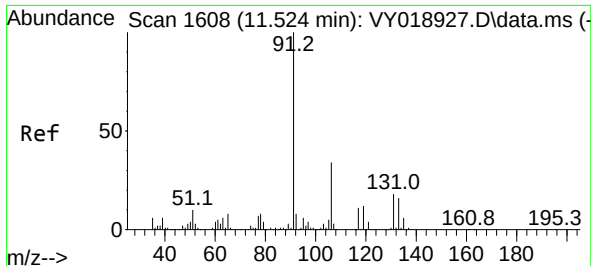
Tgt Ion:112 Resp: 31707
Ion Ratio Lower Upper
112 100
114 30.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.796 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

Tgt Ion:131 Resp: 10621
Ion Ratio Lower Upper
131 100
133 90.7 47.8 143.3
119 62.9 34.1 102.2





#67

Ethyl Benzene

Concen: 19.132 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

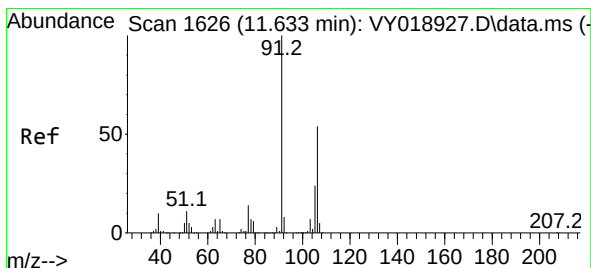
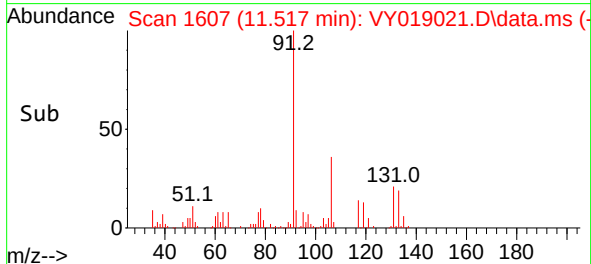
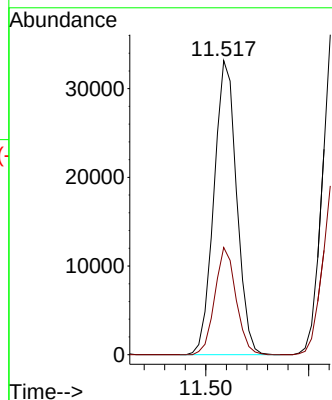
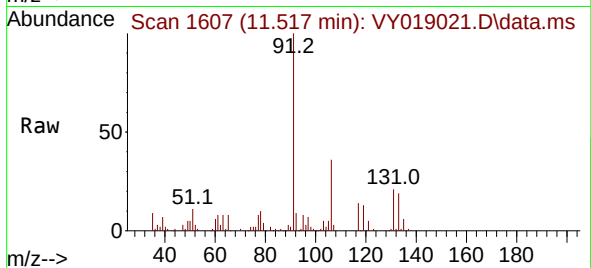
VY0813SBS01

Tgt Ion: 91 Resp: 50810

Ion Ratio Lower Upper

91 100

106 36.5 24.5 36.7



#68

m/p-Xylenes

Concen: 39.967 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019021.D

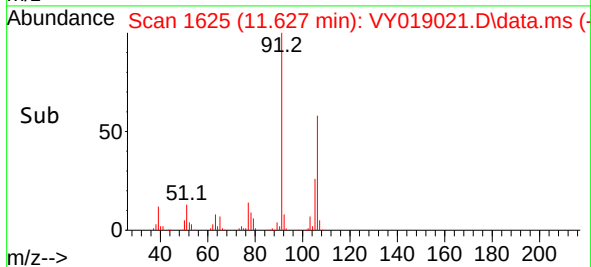
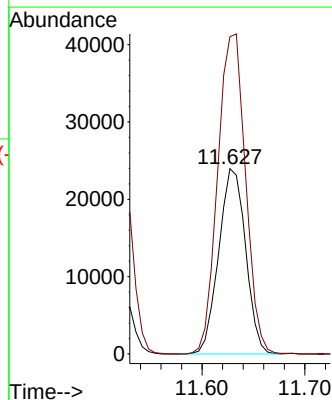
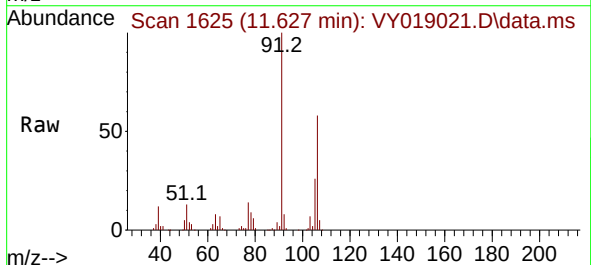
Acq: 13 Aug 2024 11:42

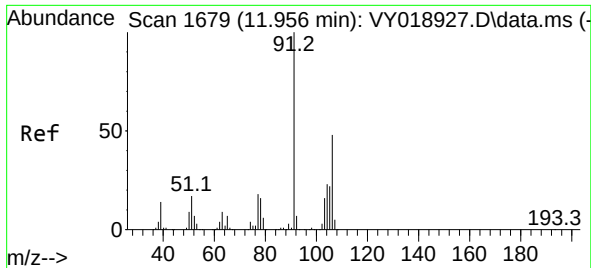
Tgt Ion:106 Resp: 43524

Ion Ratio Lower Upper

106 100

91 178.7 156.0 234.0

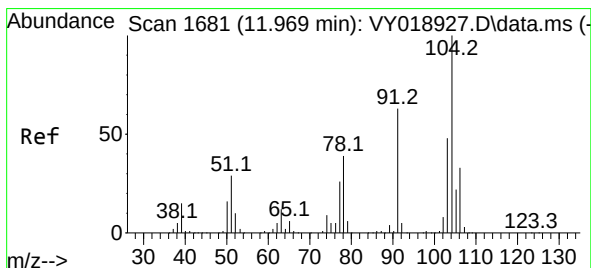
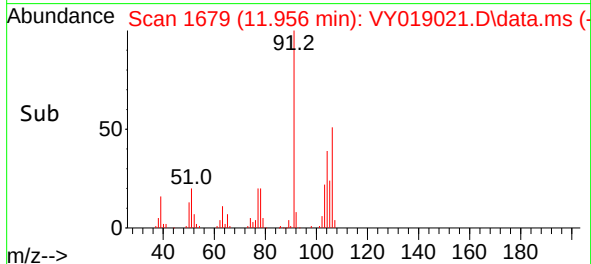
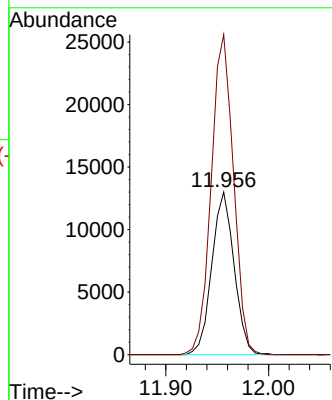
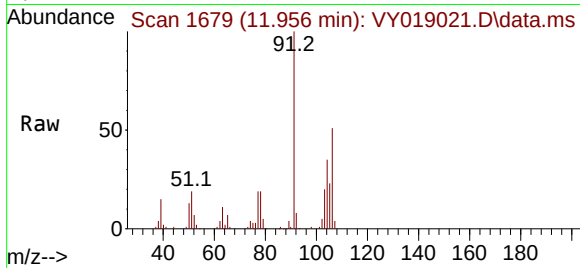




#69
o-Xylene
Concen: 19.462 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

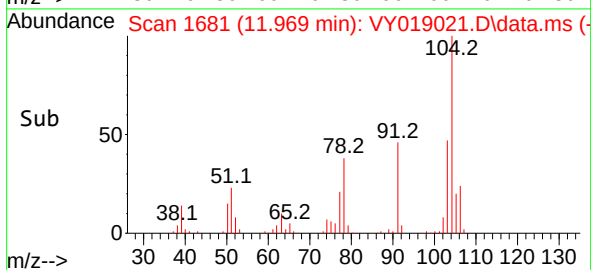
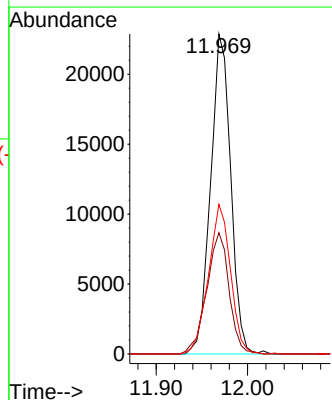
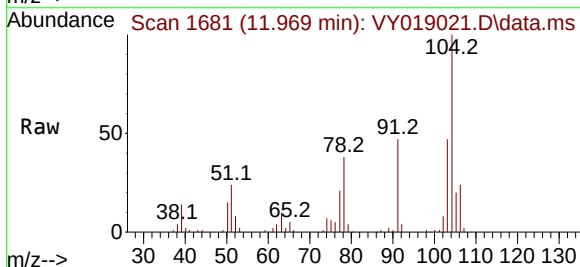
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

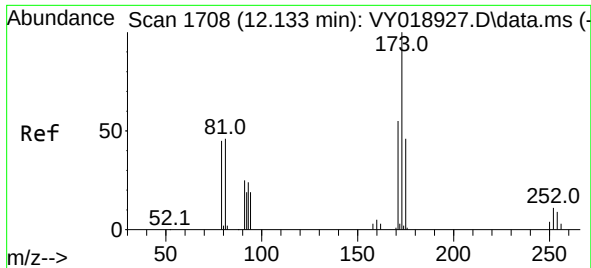
Tgt Ion:106 Resp: 19561
Ion Ratio Lower Upper
106 100
91 196.9 103.6 310.8



#70
Styrene
Concen: 21.147 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

Tgt Ion:104 Resp: 35007
Ion Ratio Lower Upper
104 100
78 42.1 37.0 55.4
103 51.1 44.2 66.2

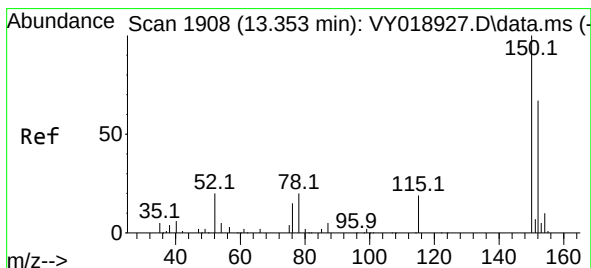
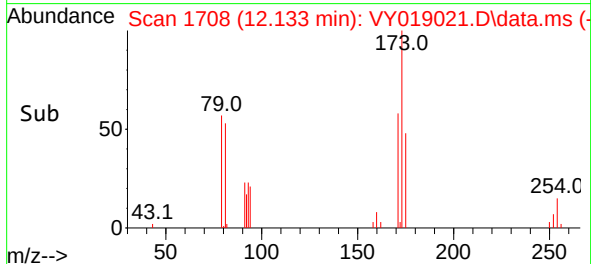
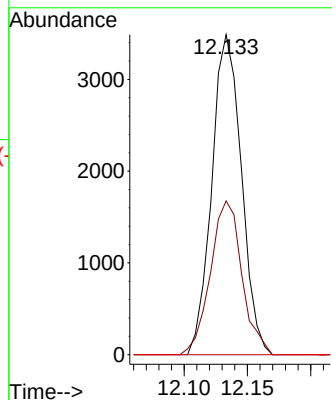
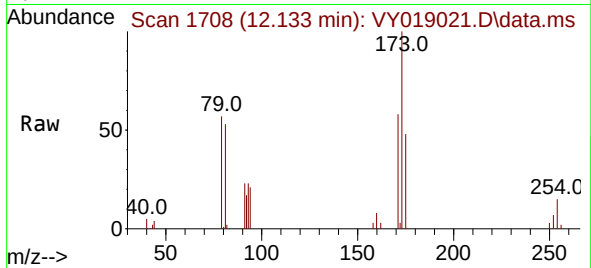




#71
Bromoform
Concen: 20.308 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

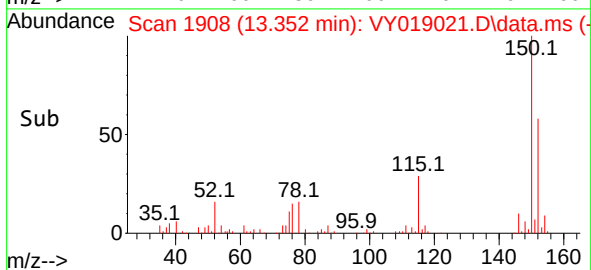
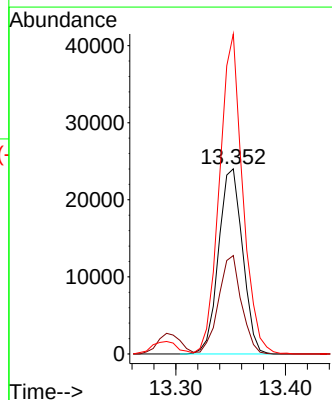
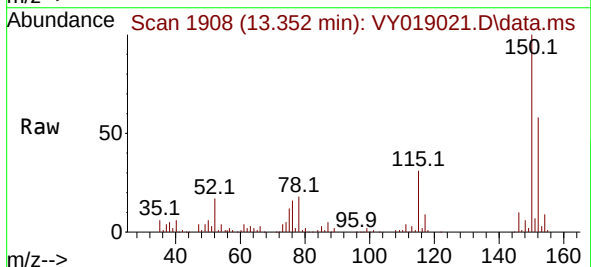
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBSD01

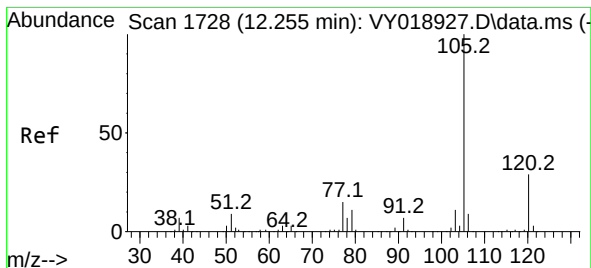
Tgt Ion:173 Resp: 5666
Ion Ratio Lower Upper
173 100
175 51.1 25.1 75.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

Tgt Ion:152 Resp: 36535
Ion Ratio Lower Upper
152 100
115 50.8 28.2 84.7
150 167.2 0.0 345.6





#73

Isopropylbenzene

Concen: 18.600 ug/l

RT: 12.255 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

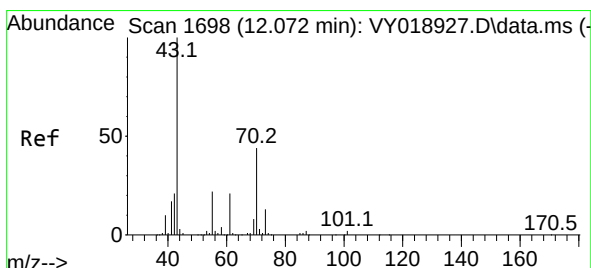
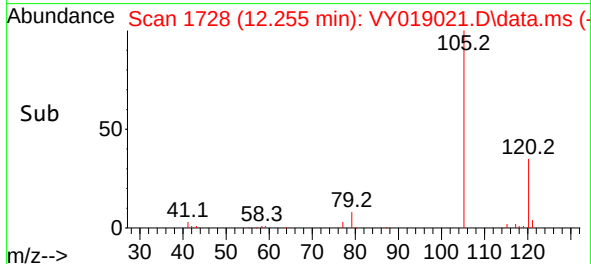
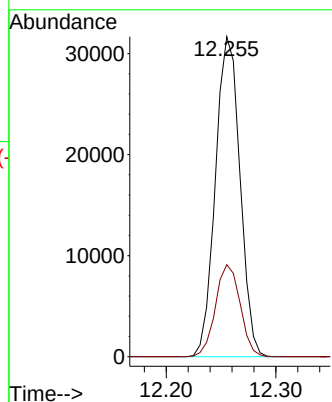
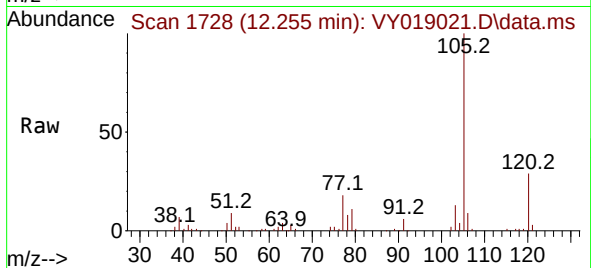
VY0813SBS01

Tgt Ion:105 Resp: 49326

Ion Ratio Lower Upper

105 100

120 28.8 13.4 40.1



#74

N-ethyl acetate

Concen: 19.042 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

Tgt Ion: 43 Resp: 11653

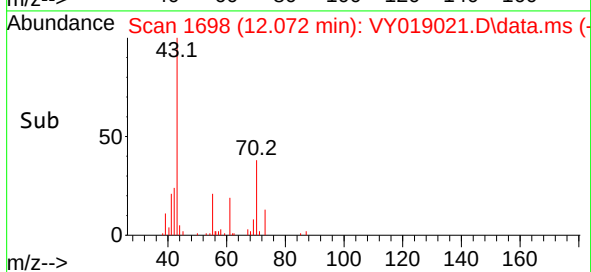
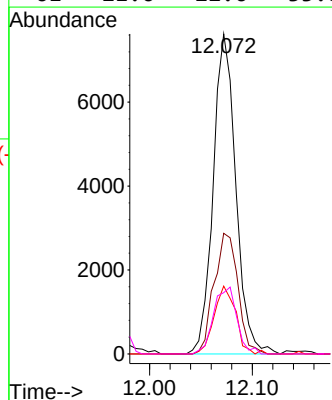
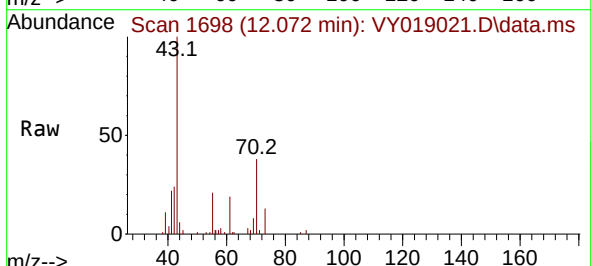
Ion Ratio Lower Upper

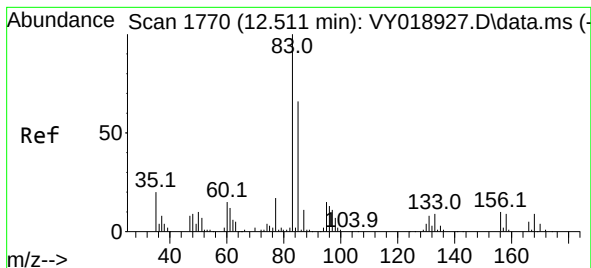
43 100

70 39.7 41.4 62.2#

55 20.3 23.3 34.9#

61 21.6 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.676 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0813SBSD01

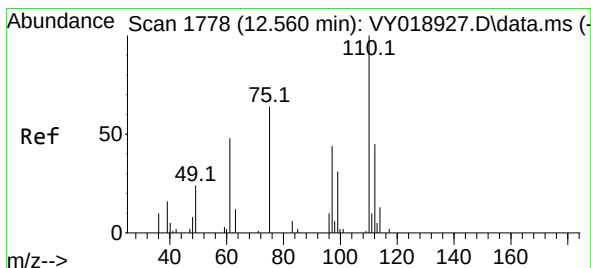
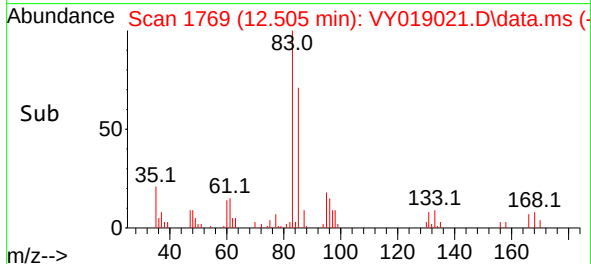
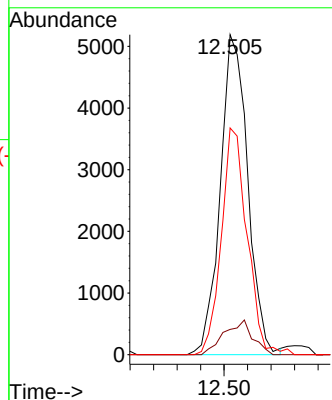
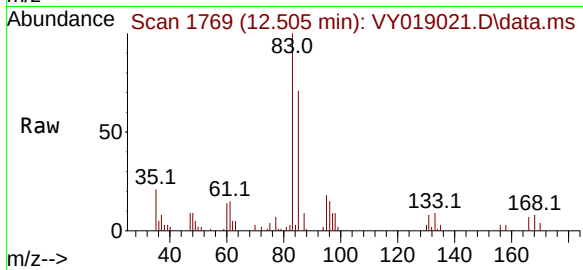
Tgt Ion: 83 Resp: 8421

Ion Ratio Lower Upper

83 100

131 11.2 5.0 14.9

85 66.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 39.529 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY019021.D

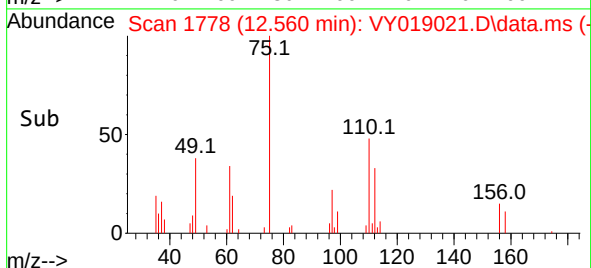
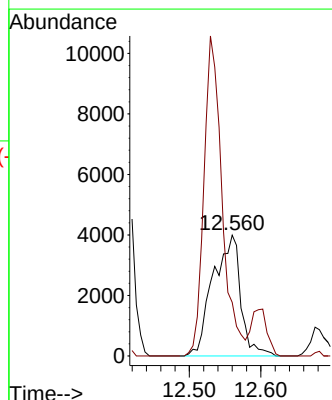
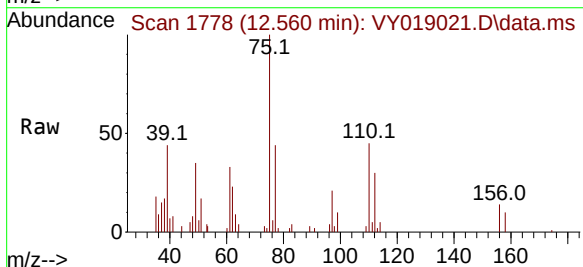
Acq: 13 Aug 2024 11:42

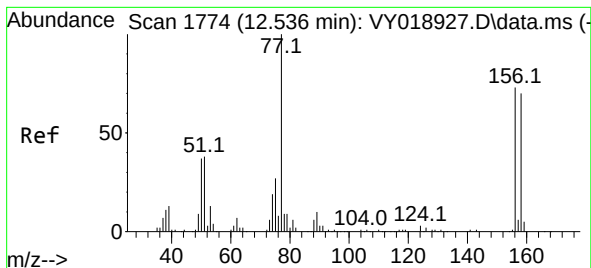
Tgt Ion: 75 Resp: 10759

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.633 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0813SBS01

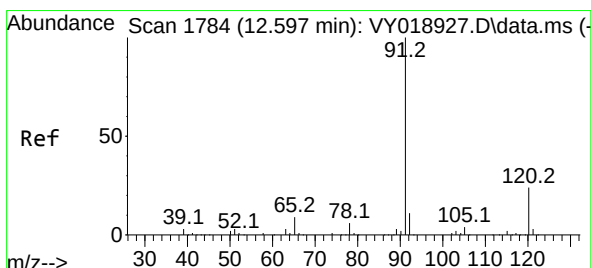
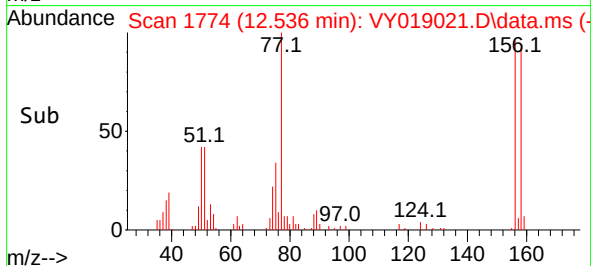
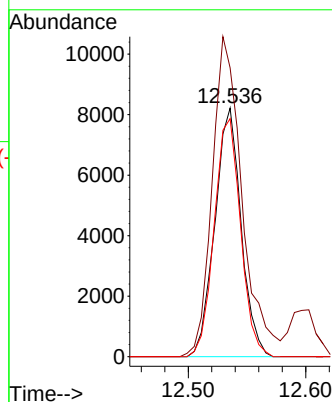
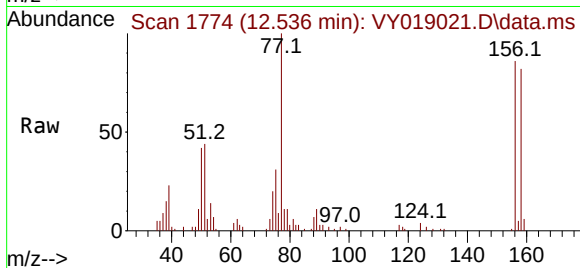
Tgt Ion:156 Resp: 12747

Ion Ratio Lower Upper

156 100

77 146.8 87.1 261.3

158 96.3 48.6 145.9



#78

n-propylbenzene

Concen: 18.718 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY019021.D

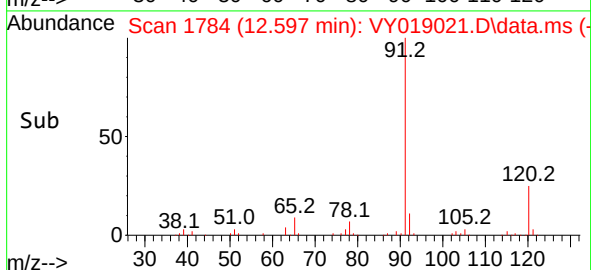
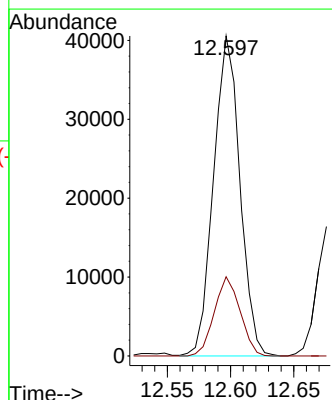
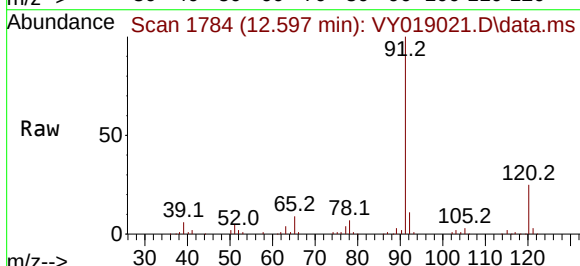
Acq: 13 Aug 2024 11:42

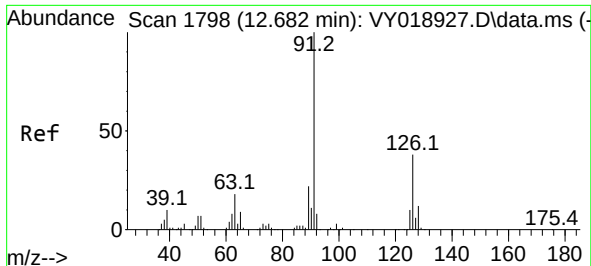
Tgt Ion: 91 Resp: 58754

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.324 ug/l

RT: 12.682 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

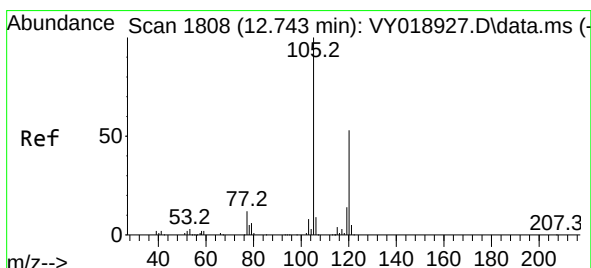
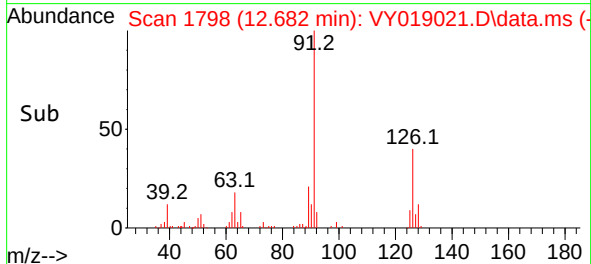
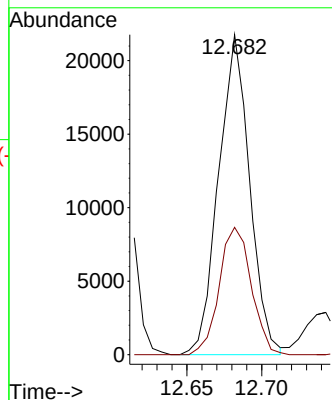
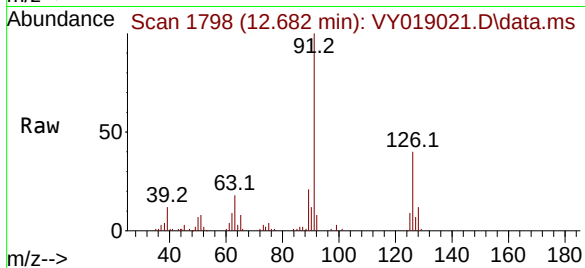
VY0813SBS01

Tgt Ion: 91 Resp: 31401

Ion Ratio Lower Upper

91 100

126 41.1 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.050 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY019021.D

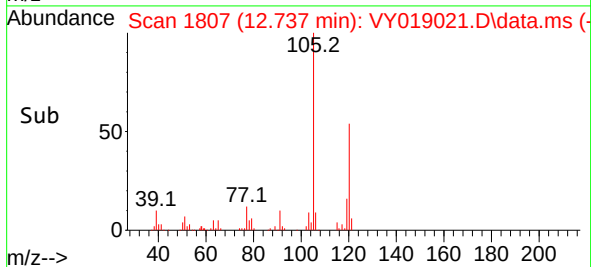
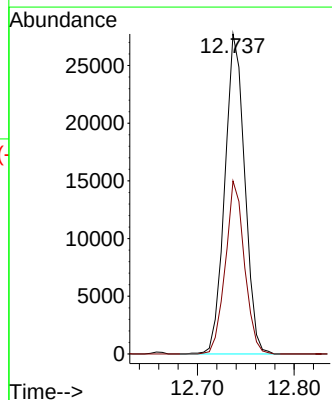
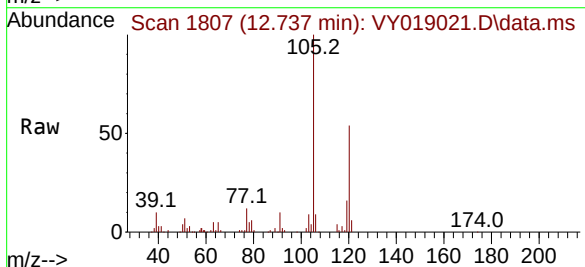
Acq: 13 Aug 2024 11:42

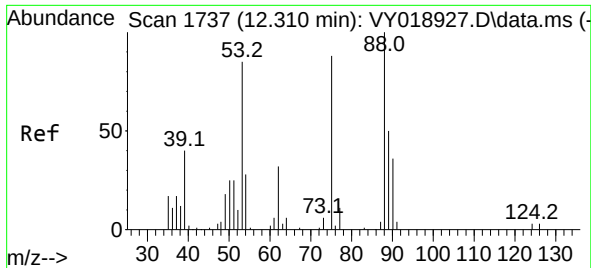
Tgt Ion: 105 Resp: 39591

Ion Ratio Lower Upper

105 100

120 51.8 25.1 75.2

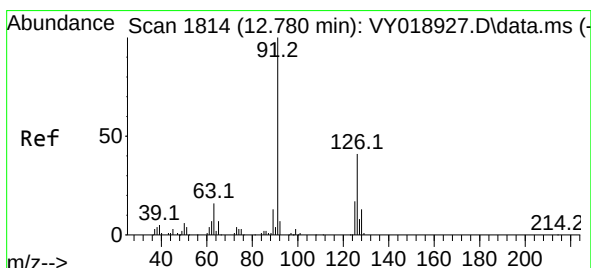
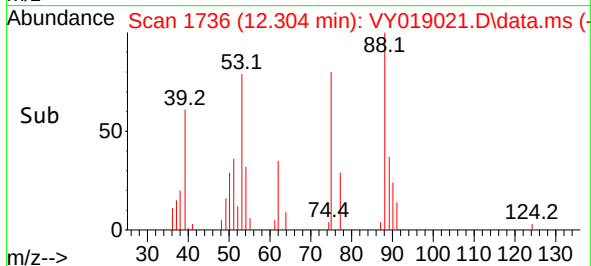
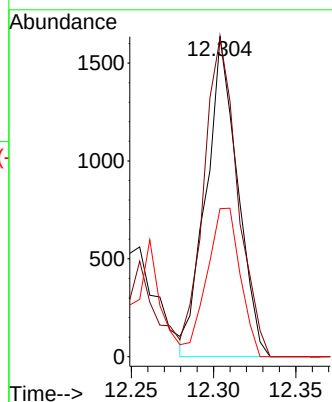
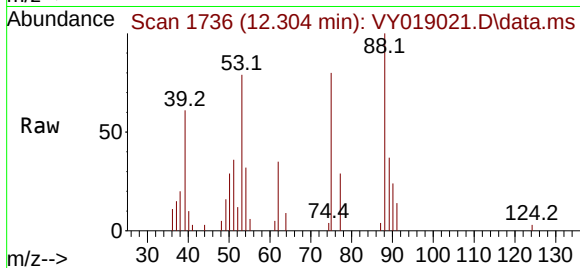




#81
trans-1,4-Dichloro-2-butene
Concen: 16.375 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

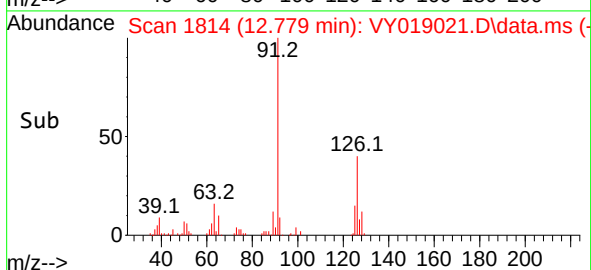
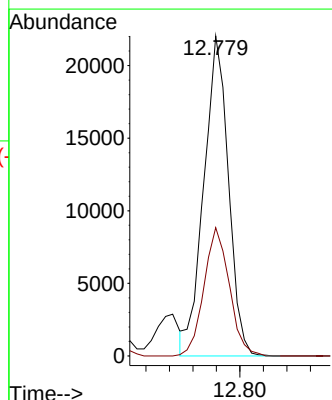
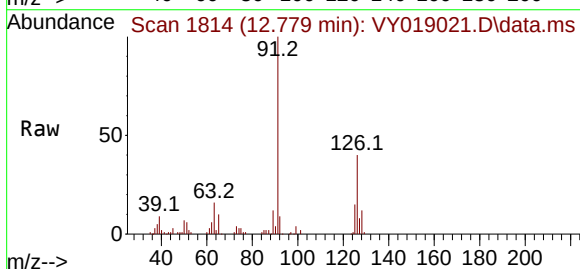
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBS01

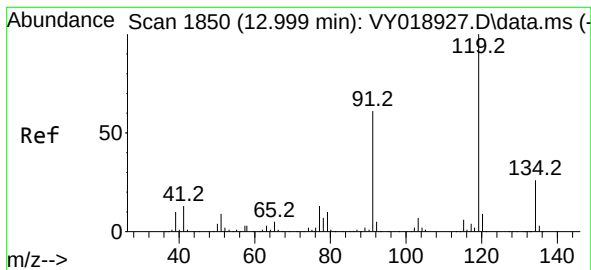
Tgt Ion: 75 Resp: 2163
Ion Ratio Lower Upper
75 100
53 107.3 66.8 100.2#
89 49.3 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.237 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

Tgt Ion: 91 Resp: 32004
Ion Ratio Lower Upper
91 100
126 41.4 17.6 52.9

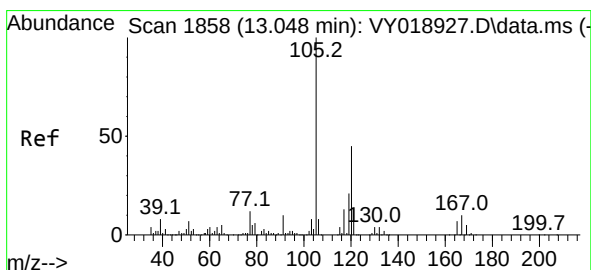
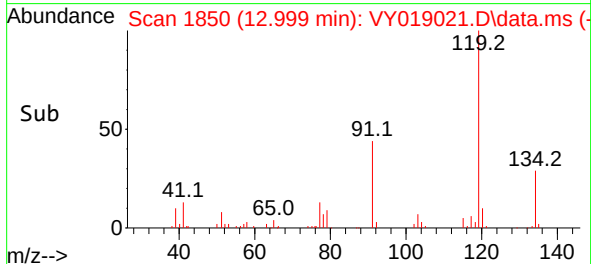
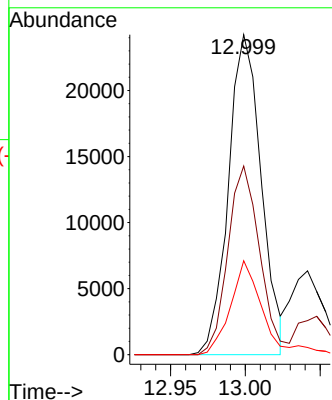
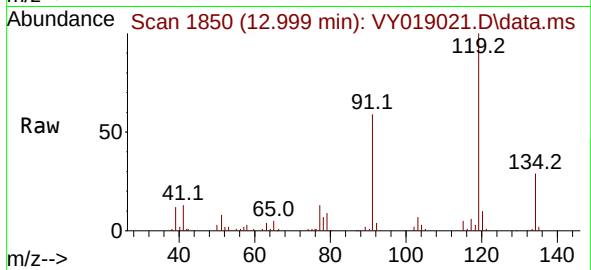




#83
tert-Butylbenzene
Concen: 18.877 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

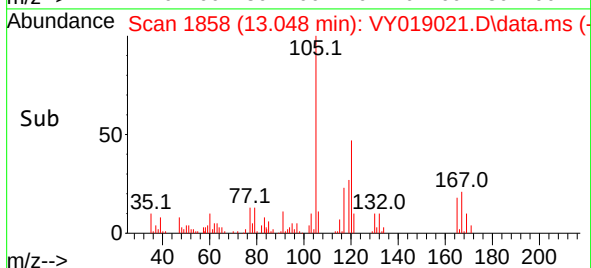
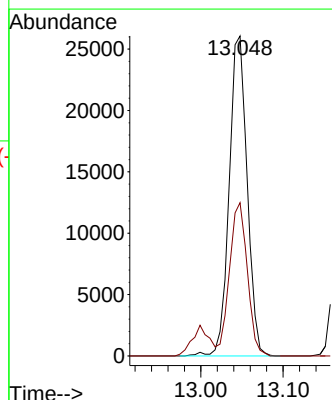
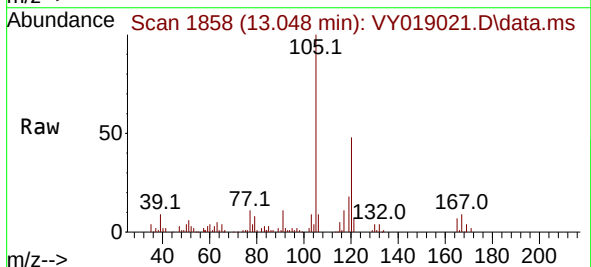
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBS01

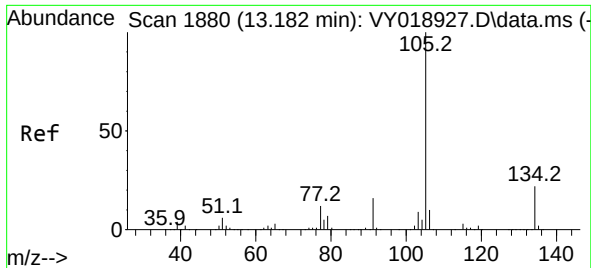
Tgt Ion:119 Resp: 37055
Ion Ratio Lower Upper
119 100
91 57.4 31.3 93.8
134 28.9 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 18.742 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VY019021.D
Acq: 13 Aug 2024 11:42

Tgt Ion:105 Resp: 39513
Ion Ratio Lower Upper
105 100
120 47.7 23.2 69.6

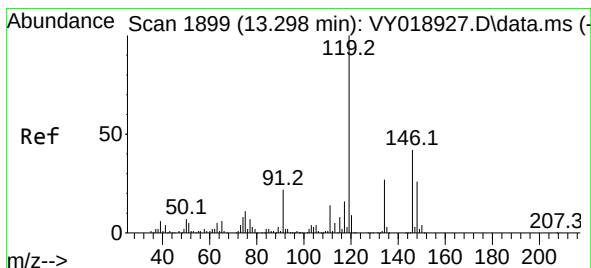
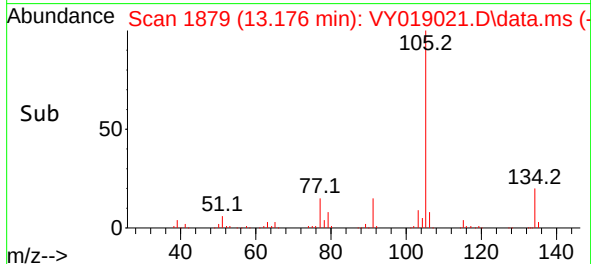
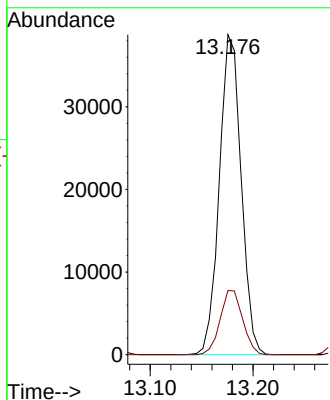
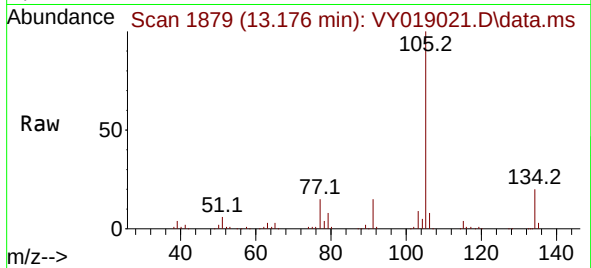




#85
 sec-Butylbenzene
 Concen: 20.045 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.006 min
 Lab File: VY019021.D
 Acq: 13 Aug 2024 11:42

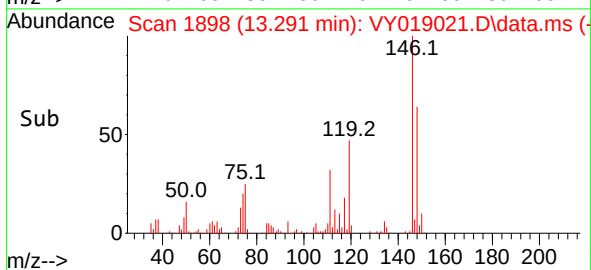
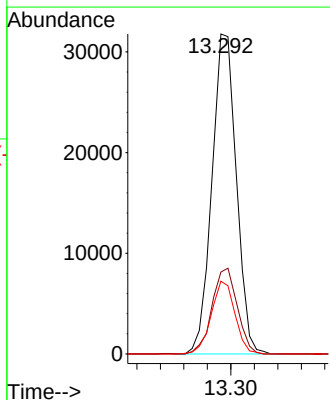
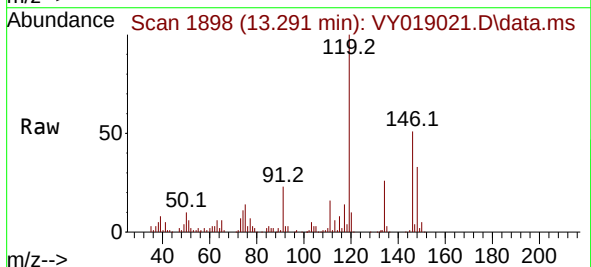
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0813SBSD01

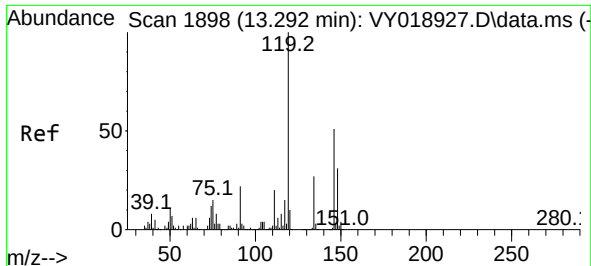
Tgt Ion:105 Resp: 56996
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 18.637 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY019021.D
 Acq: 13 Aug 2024 11:42

Tgt Ion:119 Resp: 45886
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.1 39.3
 91 22.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.219 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0813SBSD01

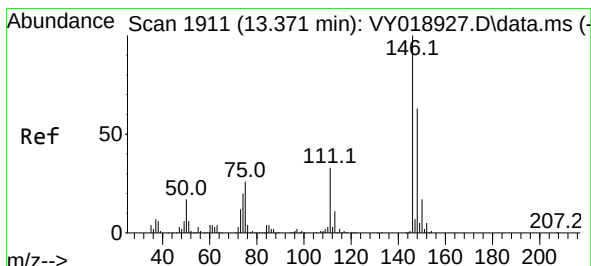
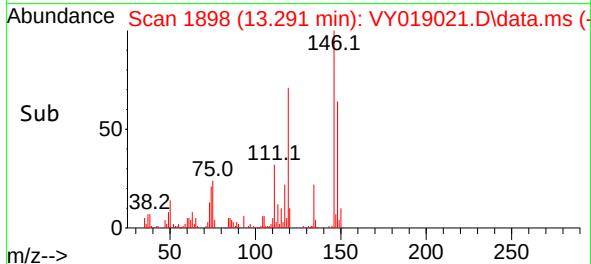
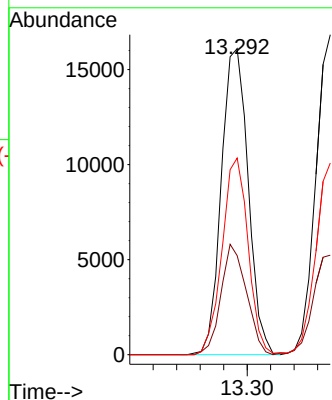
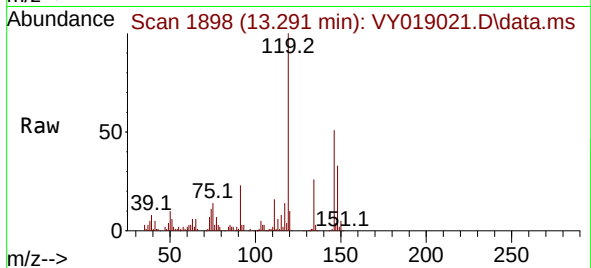
Tgt Ion:146 Resp: 25516

Ion Ratio Lower Upper

146 100

111 34.3 19.0 57.0

148 62.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.394 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

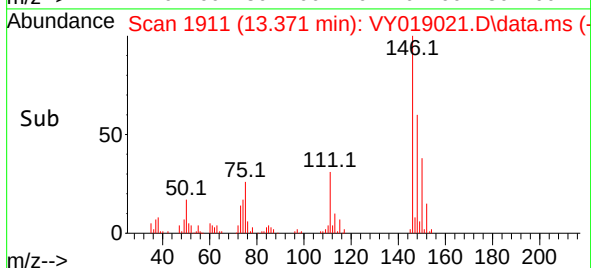
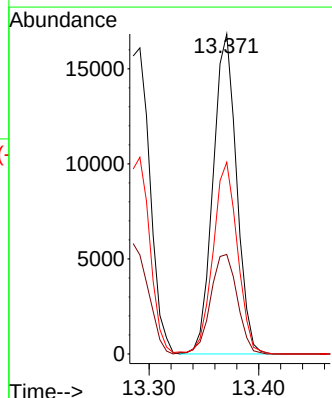
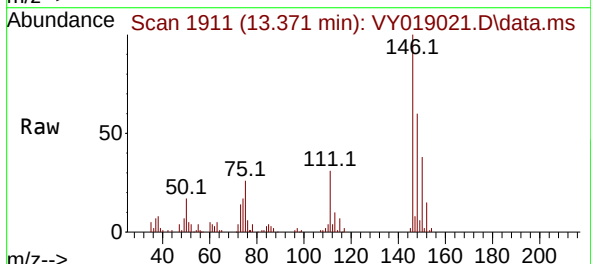
Tgt Ion:146 Resp: 25100

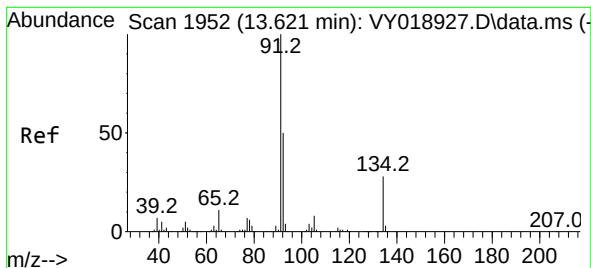
Ion Ratio Lower Upper

146 100

111 35.4 18.4 55.4

148 62.0 32.4 97.2





#89

n-Butylbenzene

Concen: 19.059 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0813SBSD01

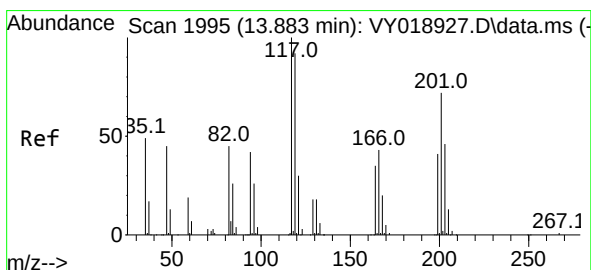
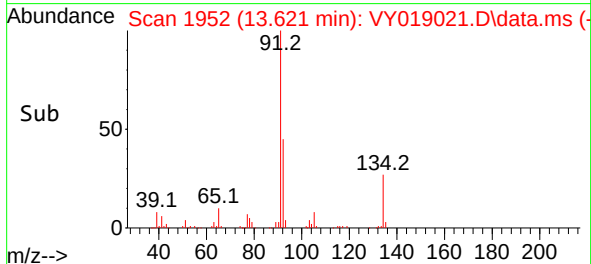
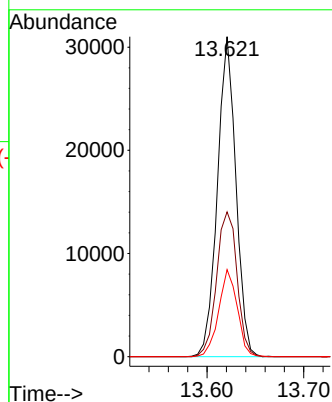
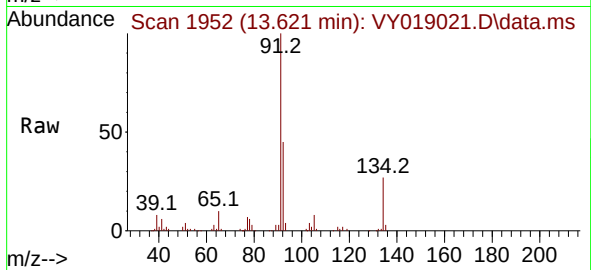
Tgt Ion: 91 Resp: 41190

Ion Ratio Lower Upper

91 100

92 50.0 26.6 79.7

134 27.4 12.9 38.7



#90

Hexachloroethane

Concen: 19.827 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.000 min

Lab File: VY019021.D

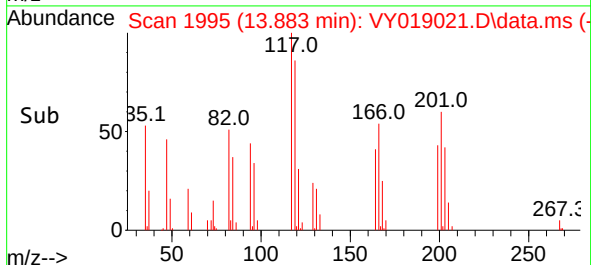
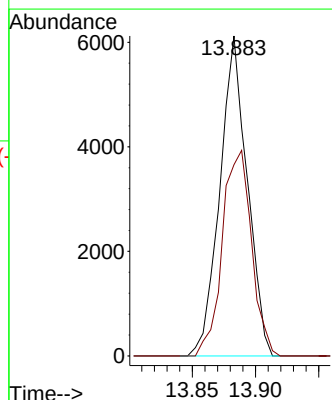
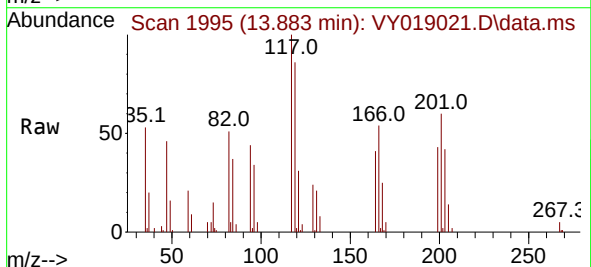
Acq: 13 Aug 2024 11:42

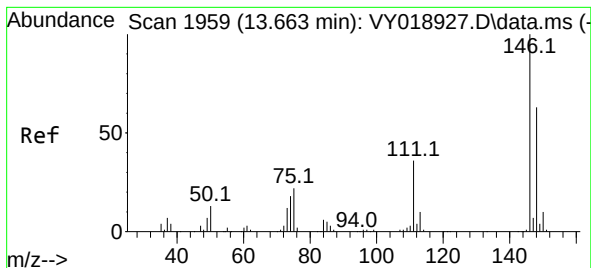
Tgt Ion: 117 Resp: 9211

Ion Ratio Lower Upper

117 100

201 68.5 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.287 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0813SBS01

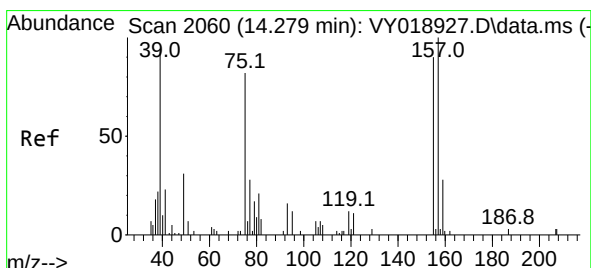
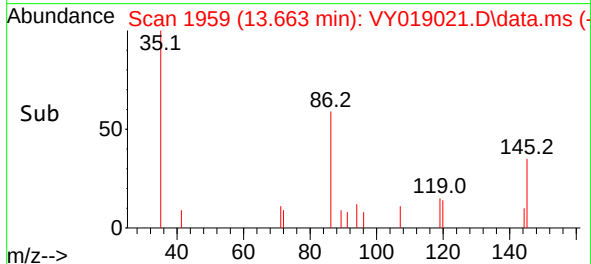
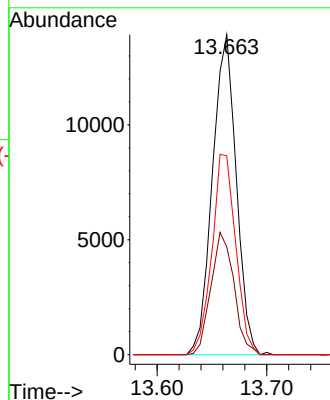
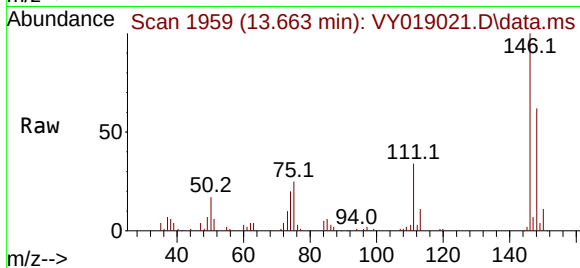
Tgt Ion:146 Resp: 21050

Ion Ratio Lower Upper

146 100

111 36.9 19.9 59.7

148 62.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.292 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

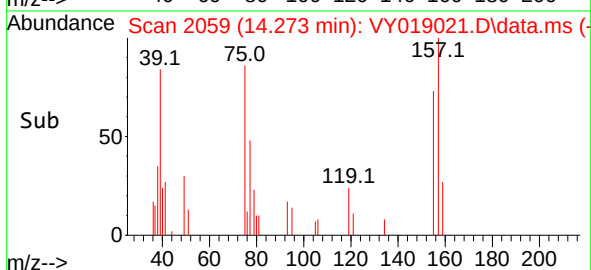
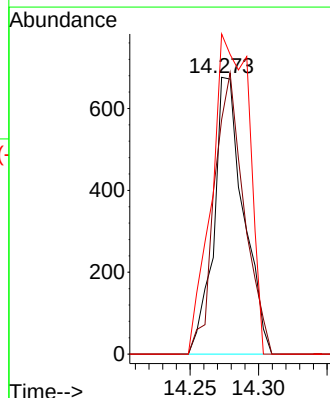
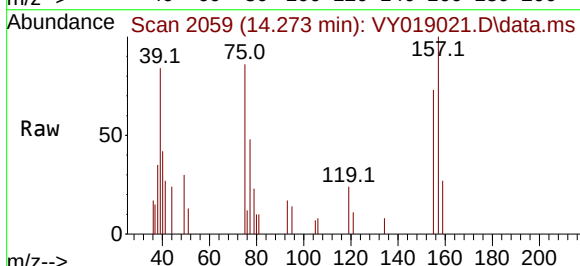
Tgt Ion: 75 Resp: 1018

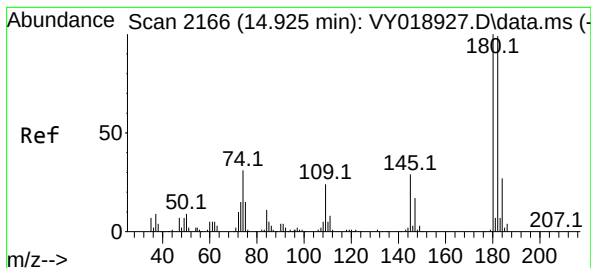
Ion Ratio Lower Upper

75 100

155 101.7 48.6 145.8

157 145.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 22.411 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0813SBS01

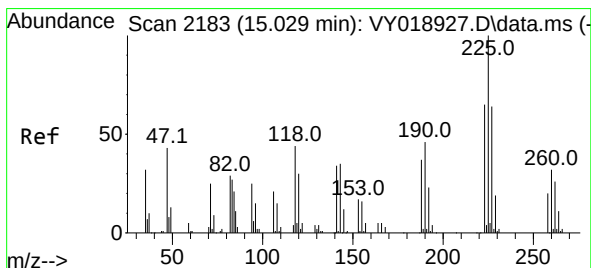
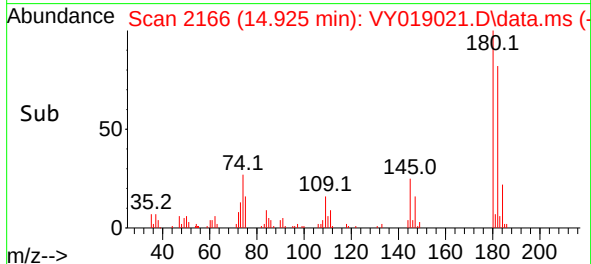
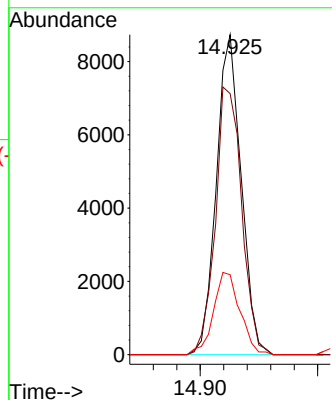
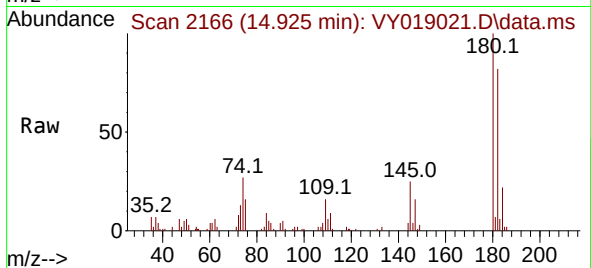
Tgt Ion:180 Resp: 12804

Ion Ratio Lower Upper

180 100

182 88.6 47.9 143.8

145 27.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.086 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

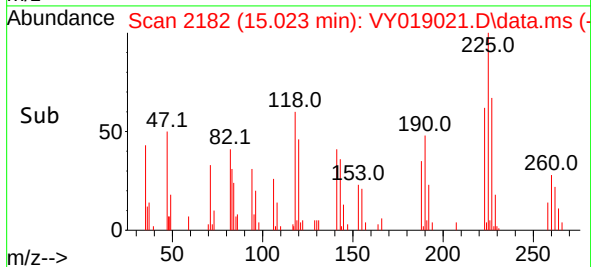
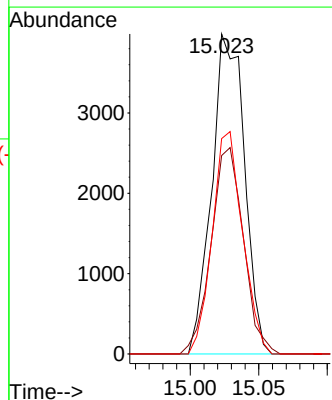
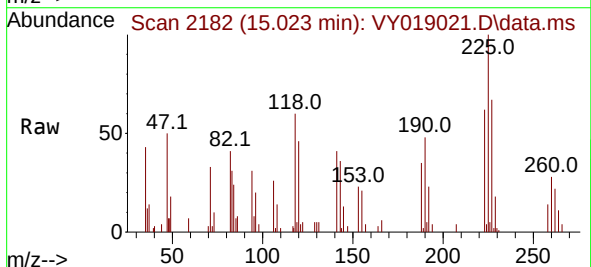
Tgt Ion:225 Resp: 6607

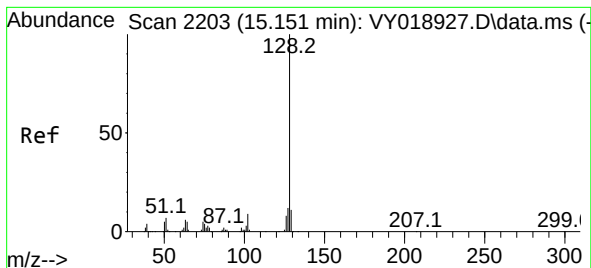
Ion Ratio Lower Upper

225 100

223 63.7 30.4 91.2

227 64.6 31.9 95.9





#95

Naphthalene

Concen: 19.853 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0813SBSD01

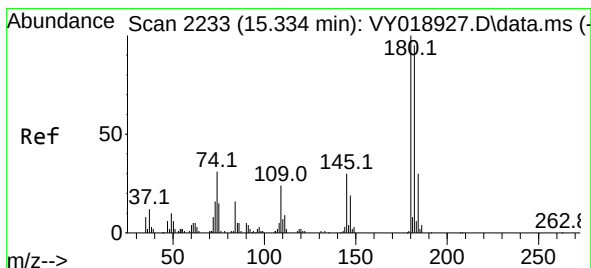
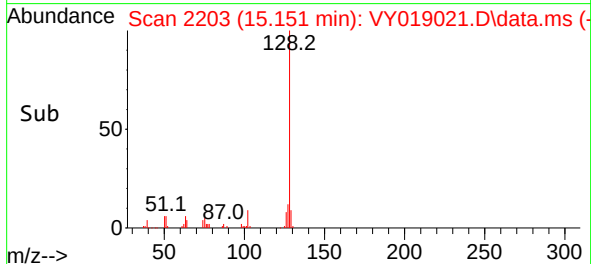
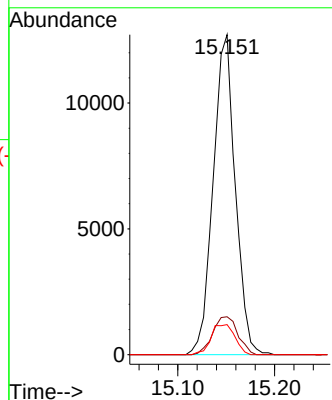
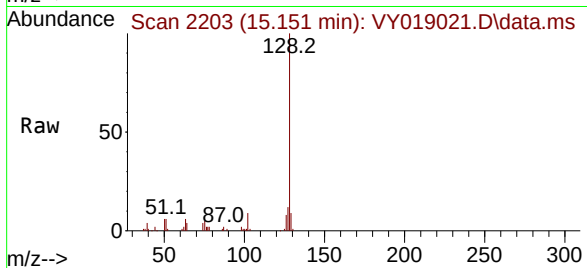
Tgt Ion:128 Resp: 20192

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 10.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.215 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY019021.D

Acq: 13 Aug 2024 11:42

Tgt Ion:180 Resp: 10894

Ion Ratio Lower Upper

180 100

182 90.6 47.6 142.9

145 26.1 15.4 46.1

